

2013

PVC-001-Schortman-Field Notes-2013

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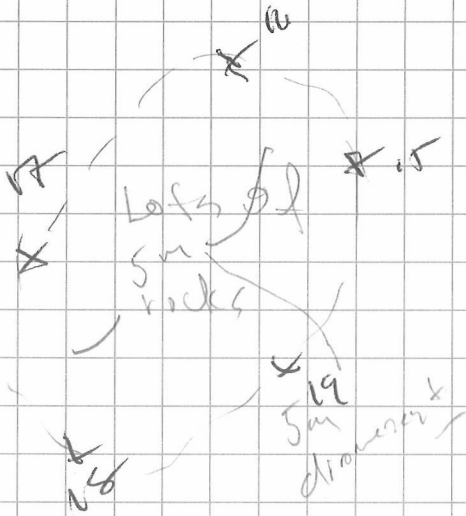
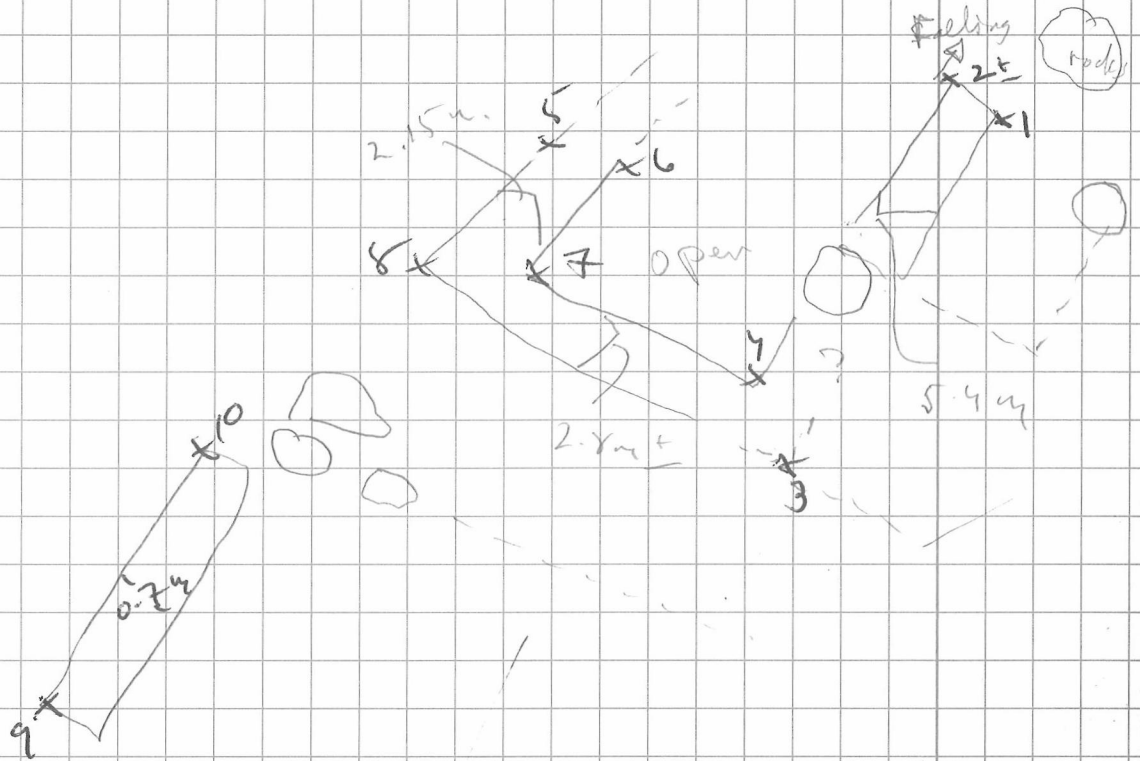
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30 May 2013

PI-73-02

Sketching SE Group - New stuff NNE of Srs 366 + 367

Strike
S. 25



clayey area

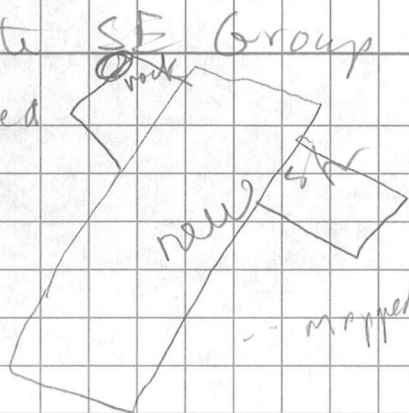
Srs.
Srs 366
+ 367

30 May 2013

03

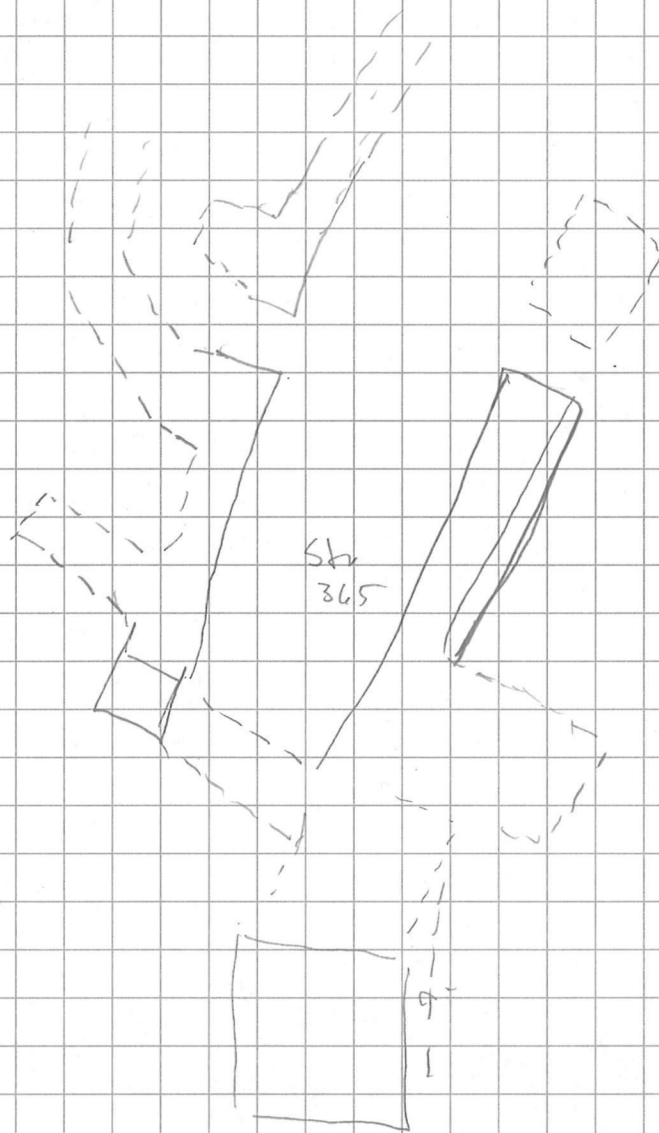
Sketching Logote SE Group

Str 365 area



mapped from
view 5
(pt-B-45)

Str 364 — see other
sheet

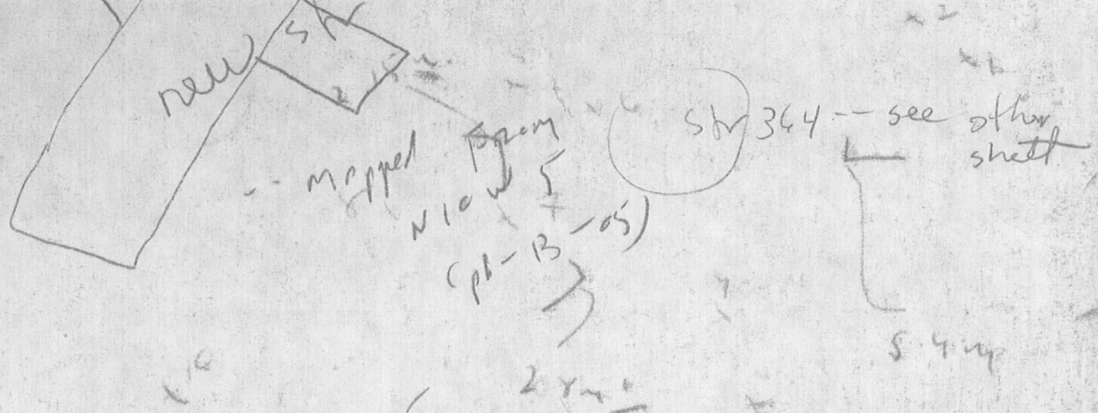


30 May 2013

pl-13-03

Sketching Wyoite SE Group
Str 365 area

Sub
2.5



Str 365



6/3/13 (Monday)

P1-13-04

Shooting N50-E25 stake to the E. stake on the N.50 line

A
90°

Top
1619

Middle
~~1450~~ 1550

Bottom
1450

(on 5m)
13.9m

1619
1400
1219

FAR NE.
part of =
Lower
Terrace



I H 1330 m

point	A	Top	Middle	Bottom	Distance	Slope
1 SW cor.	94° 15'	1665	1589	1510	15.50	0°
2 NW "	80° 50'	1789	1723	1659	13.00	0°
3 NE "	64° 15'	1695	1400 1555	1400	29.5	3°
4 SE "	70° 15'	2272	2111	1953	31.9	
5 Summit	74° 45'	1780	1663	1549	23.1	

6/3/13 (Monday)

P1-13-04

shearing N50-E25 stake to the E. stake on the N.50 line

4
90°

Top
1619

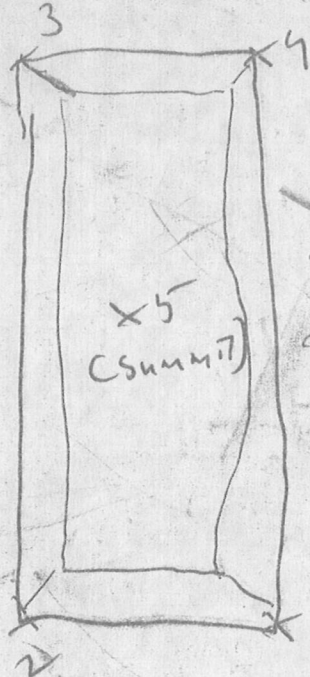
Middle
~~1450~~ 1550

Bottom
1480

(on sm.)
13.9m

1619
1400
139

FAZ NE.
PART of =
Lower
Terrace



I H 1330m

point		Top	Middle	Bottom	Distance	Slope
1 SW cor.	94° 15'	1665	1589	1510	15.50	0°
2 NW "	80° 50'	1789	1723	1659	13.00	0°
3 NE "	69° 15'	1695	1400 1555	1400	29.5	3°
4 SE "	70° 15'	2272	2111	1953	31.9	
5 summit	74° 45'	1780	1663	1549	23.1	

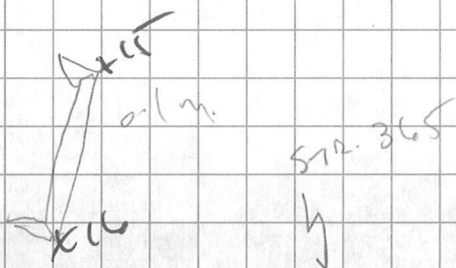
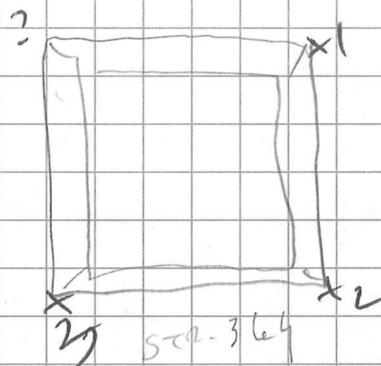
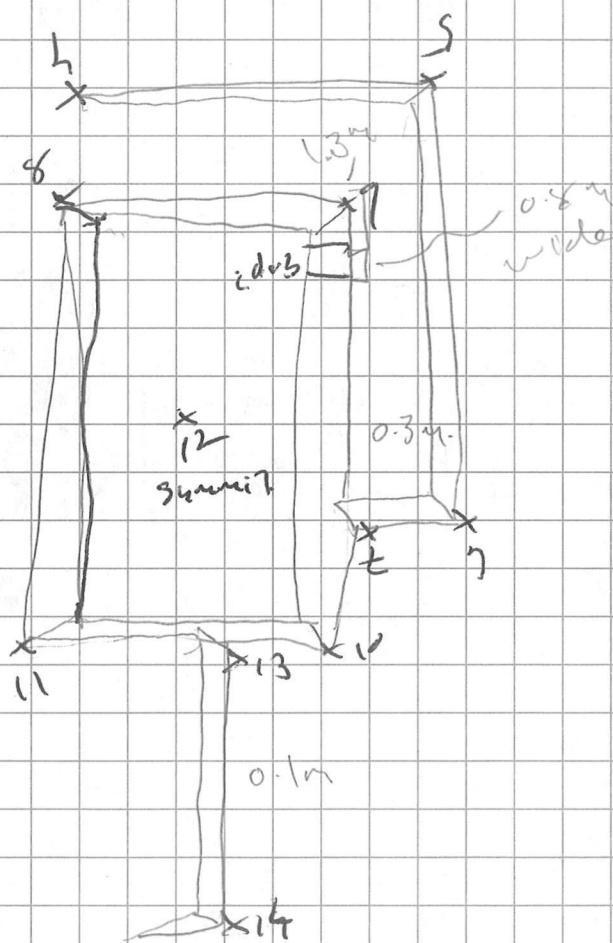
1549
1663
137

6/3/13

P1-13-05

Letting up on N10 W5 to re-sheet the 364+ and
a new str. to the west.

Point	Angle	Top	Mid.	Borrow
N10 W5 / N10 E5	90°	1626	1575	1525



6/3/13

P1-13-05

Letting up on N10 W5 to re-sheet the 364^{cm} ¹³ ¹² ¹¹ ¹⁰ ⁹ ⁸ ⁷ ⁶ ⁵ ⁴ ³ ² ¹ ⁰ ⁻¹ ⁻² ⁻³ ⁻⁴ ⁻⁵ ⁻⁶ ⁻⁷ ⁻⁸ ⁻⁹ ⁻¹⁰ ⁻¹¹ ⁻¹² ⁻¹³ ⁻¹⁴ ⁻¹⁵ ⁻¹⁶ ⁻¹⁷ ⁻¹⁸ ⁻¹⁹ ⁻²⁰ ⁻²¹ ⁻²² ⁻²³ ⁻²⁴ ⁻²⁵ ⁻²⁶ ⁻²⁷ ⁻²⁸ ⁻²⁹ ⁻³⁰ ⁻³¹ ⁻³² ⁻³³ ⁻³⁴ ⁻³⁵ ⁻³⁶ ⁻³⁷ ⁻³⁸ ⁻³⁹ ⁻⁴⁰ ⁻⁴¹ ⁻⁴² ⁻⁴³ ⁻⁴⁴ ⁻⁴⁵ ⁻⁴⁶ ⁻⁴⁷ ⁻⁴⁸ ⁻⁴⁹ ⁻⁵⁰ ⁻⁵¹ ⁻⁵² ⁻⁵³ ⁻⁵⁴ ⁻⁵⁵ ⁻⁵⁶ ⁻⁵⁷ ⁻⁵⁸ ⁻⁵⁹ ⁻⁶⁰ ⁻⁶¹ ⁻⁶² ⁻⁶³ ⁻⁶⁴ ⁻⁶⁵ ⁻⁶⁶ ⁻⁶⁷ ⁻⁶⁸ ⁻⁶⁹ ⁻⁷⁰ ⁻⁷¹ ⁻⁷² ⁻⁷³ ⁻⁷⁴ ⁻⁷⁵ ⁻⁷⁶ ⁻⁷⁷ ⁻⁷⁸ ⁻⁷⁹ ⁻⁸⁰ ⁻⁸¹ ⁻⁸² ⁻⁸³ ⁻⁸⁴ ⁻⁸⁵ ⁻⁸⁶ ⁻⁸⁷ ⁻⁸⁸ ⁻⁸⁹ ⁻⁹⁰ ⁻⁹¹ ⁻⁹² ⁻⁹³ ⁻⁹⁴ ⁻⁹⁵ ⁻⁹⁶ ⁻⁹⁷ ⁻⁹⁸ ⁻⁹⁹ ⁻¹⁰⁰ ⁻¹⁰¹ ⁻¹⁰² ⁻¹⁰³ ⁻¹⁰⁴ ⁻¹⁰⁵ ⁻¹⁰⁶ ⁻¹⁰⁷ ⁻¹⁰⁸ ⁻¹⁰⁹ ⁻¹¹⁰ ⁻¹¹¹ ⁻¹¹² ⁻¹¹³ ⁻¹¹⁴ ⁻¹¹⁵ ⁻¹¹⁶ ⁻¹¹⁷ ⁻¹¹⁸ ⁻¹¹⁹ ⁻¹²⁰ ⁻¹²¹ ⁻¹²² ⁻¹²³ ⁻¹²⁴ ⁻¹²⁵ ⁻¹²⁶ ⁻¹²⁷ ⁻¹²⁸ ⁻¹²⁹ ⁻¹³⁰ ⁻¹³¹ ⁻¹³² ⁻¹³³ ⁻¹³⁴ ⁻¹³⁵ ⁻¹³⁶ ⁻¹³⁷ ⁻¹³⁸ ⁻¹³⁹ ⁻¹⁴⁰ ⁻¹⁴¹ ⁻¹⁴² ⁻¹⁴³ ⁻¹⁴⁴ ⁻¹⁴⁵ ⁻¹⁴⁶ ⁻¹⁴⁷ ⁻¹⁴⁸ ⁻¹⁴⁹ ⁻¹⁵⁰ ⁻¹⁵¹ ⁻¹⁵² ⁻¹⁵³ ⁻¹⁵⁴ ⁻¹⁵⁵ ⁻¹⁵⁶ ⁻¹⁵⁷ ⁻¹⁵⁸ ⁻¹⁵⁹ ⁻¹⁶⁰ ⁻¹⁶¹ ⁻¹⁶² ⁻¹⁶³ ⁻¹⁶⁴ ⁻¹⁶⁵ ⁻¹⁶⁶ ⁻¹⁶⁷ ⁻¹⁶⁸ ⁻¹⁶⁹ ⁻¹⁷⁰ ⁻¹⁷¹ ⁻¹⁷² ⁻¹⁷³ ⁻¹⁷⁴ ⁻¹⁷⁵ ⁻¹⁷⁶ ⁻¹⁷⁷ ⁻¹⁷⁸ ⁻¹⁷⁹ ⁻¹⁸⁰ ⁻¹⁸¹ ⁻¹⁸² ⁻¹⁸³ ⁻¹⁸⁴ ⁻¹⁸⁵ ⁻¹⁸⁶ ⁻¹⁸⁷ ⁻¹⁸⁸ ⁻¹⁸⁹ ⁻¹⁹⁰ ⁻¹⁹¹ ⁻¹⁹² ⁻¹⁹³ ⁻¹⁹⁴ ⁻¹⁹⁵ ⁻¹⁹⁶ ⁻¹⁹⁷ ⁻¹⁹⁸ ⁻¹⁹⁹ ⁻²⁰⁰ ⁻²⁰¹ ⁻²⁰² ⁻²⁰³ ⁻²⁰⁴ ⁻²⁰⁵ ⁻²⁰⁶ 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N. 10 W 5 I H 1455

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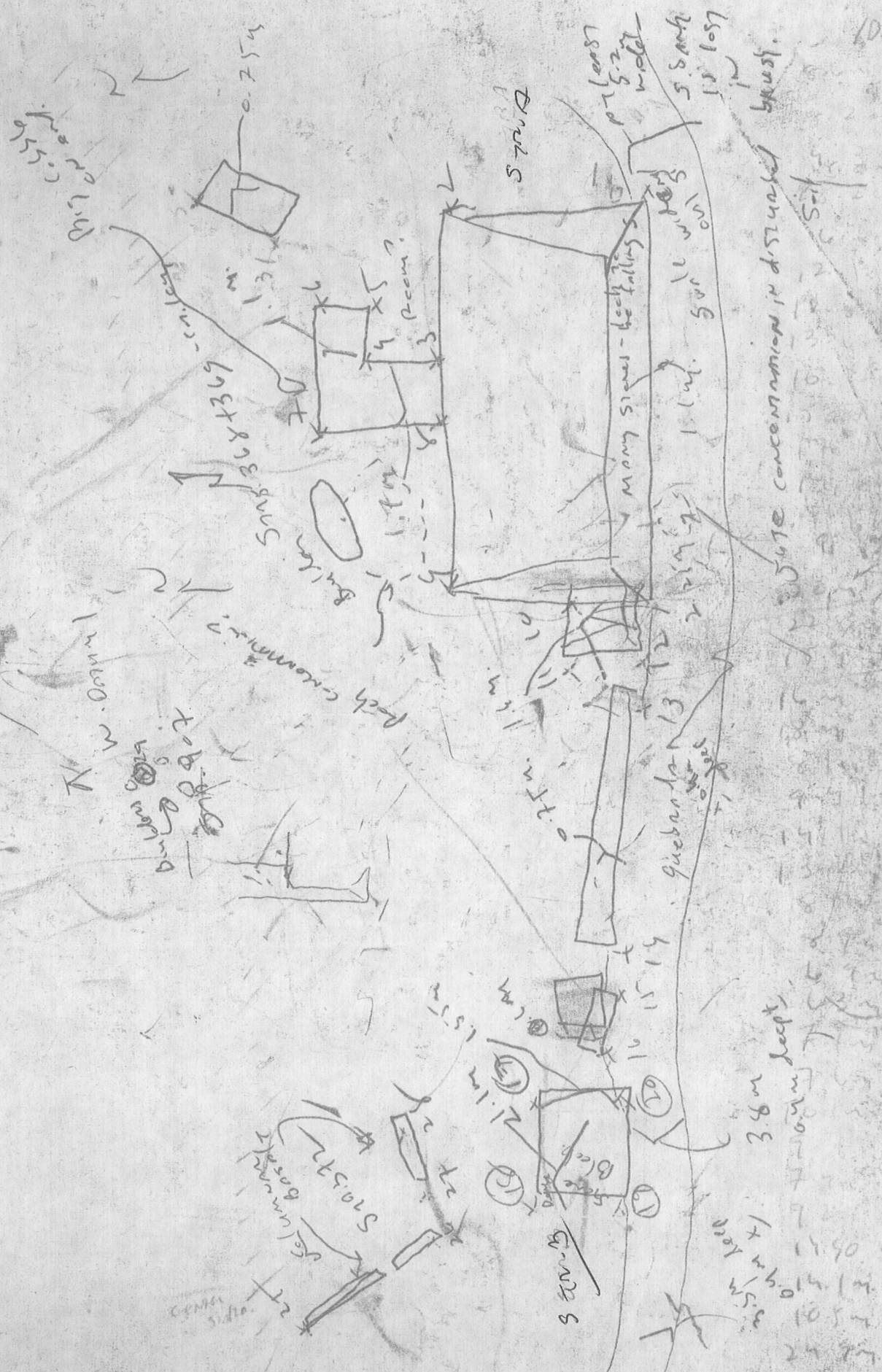
	point	α	Top	mid.	Bottom	Slope & Dist.
	1	Str. 344 NW	92° 01'	1635	1584	1589 8.6m
	2	" SE	134° 10'	1535	1494	1453 8.2m
	3	" SW	148° 25'	1387	1365	1344 4.3m
1267 495 282	4	New Str. Tem. NW	269° 45'	1267	1225	10985 28.2m
	5	" " NE	237° 04'	1301	1249	1239 6.2m
	6	" " SE	230° 01'	1212	1151	1091 12.1m
1267 1225 495 282	7	" " S. jct.	241° 30'	1091	1027	0943 12.8m
	8	Cape Str. NW	270° 48'	1200	1131	1064 13.6m
	9	" " NE	257° 45'	1168	1119	1067 16.1m
	10	" " SE	241° 30'	0977	0900	0820 15.7m
1225 495 340	11	" " SW	251° 30'	1117	1027	0940 17.7m
	12	" " Summit	253° 30'	1023	0952	0881 14.2m
	13	" " S. Tem. jct.	239° 01'	1628	1543	1461 (?) 3-0/17m
	14	" " " S. jct.	238° 01'	0891	0890 0801	0705 0-18m
	15	S. Tem. - S. jct.	233° 35'	0855	0755	0655 20m
	16	" " " S.	229° 55'	?	0712	0598 22.8m
S 25	S. 25 to S. 10		0° 01'	1899	1821	1745 15.4m
	1	NE. cor. E-wall	57° 01'	2040	1959	1880 16m
New Str. 1	2	NW. " E wall +	37° 45'	?	2400	2040 18m
NE. 2	3	SE " " "	65° 15'	1691	1651	1610 8.1m
Str. 344	4	SW. im. cor. " "	29° 30'	1846	1799	1752 9.4m
367	5	NW cor. W-wall	10° 45'	1945	1873	1804 14.1m
I H	6	NE. im. cor. " "	20° 45'	2043	1976	1911 13.2m
1447	7	SE " " " "	8° 45'	1707	1761 1661	1626 8.1m
	8	SW cor. W-wall	353° 30'	1801	1856 1712	1712 8.9m
	9	SW End S-wall	281° 15'	1428	1393	1359 6.9m
	10	NW " " "	315° 45'	1499	1466	1436 6.3m
	11	Strike 25 S. platform NW	218° 00'	1291	1255	1220 7.1m
	12	" " " NE	200° 15'	1379	1311	1273 7.6m
	13	" " " SE	207° 01'	1264	1212	1163 10.1m
	14	" " " SW	223° 01'	1199	1149	1102 9.7m
	15	perimeter of R.C.	261° 30'	1324	1287	1250 7.4m
	16	" " " "	264° 15'	1220	1174	1128 9.2m
	17	" " " "	253° 15'	1193	1118	1044 11.8m
	18	" " " "	239° 45'	1024	0953	0883 14.1m
	19	" " " "	239° 15'	1104	1049	0999 10.5m
	20	S. 25 to corner NW	0° 01'	2105	1979	1856 24.2m
	21	S. 25 to New W. Quarry	243° 40'	1062	2073 3	0400 100/16.2m

N. 10 W 5 I H 1451

P1-13 - 06

	Point	Angle	T _p	Mid	Bottom	Slope 4/D.S.
1	Sta. 364 NE	92° 01'	1635	1584	1549	8.6m
2	" SE	134° 10'	1535	1494	1453	8.2m
3	" SW	148° 25'	1387	1365	1344	4.3m
4	new Sta. Ten. NW	269° 45'	1267	1225	10985	4.8m
5	" NE	237° 01'	1301	1269	1239	6.2m
6	" SE	230° 01'	1212	1151	1091	12.1m
7	" " " Sta. 19	241° 30'	1091	1027	0963	12.8m
8	Core Sta. NW	270° 45'	1200	1131	1064	13.6m
9	" NE	257° 45'	1168	1119	1067	10.1m
10	" SE	241° 30'	0977	0900	0820	15.7m
11	" SW	251° 30'	1117	1027	0940	17.7m
12	" Summit	253° 30'	1023	0952	0881	19.2m
13	" S. Ten. jct.	239° 01'	1628	1543	1461 (7)	3-0' 17
14	" " " S. p.	238° 01'	0891	0890	0801	97-5' 0.18
15	S. Ten. - Spaldore N.	233° 35'	0855	0755	0655	20m
16	" " " S.	229° 55'	?	0712	0558	22.8m
S 25°	S. 25° to S. 10°	0° 01'	1899	1821	1745	15.9m
new Sta. 1	NE cor. E. wall	57° 01'	2010	1959	1880	16m
new Sta. 2	NW " E wall	37° 45'	?	2400	2410	18m
Sta. 364-3	SE " "	65° 15'	1691	1651	1610	8.1m
4	SW im. cor. S. wall	29° 30'	1846	1799	1752	9.4m
5	NW cor. W. wall	10° 45'	1945	1873	1804	14.1m
6	NE im. cor. " "	20° 45'	2443	1976	1911	13.2m
7	SE " " "	8° 45'	1707	1761	1617	8.1m
8	SW cor. cor. W. wall	353° 30'	1801	1850	1712	9.9m
9	SW End S. wall	281° 15'	1428	1393	1359	6.9m
10	NW " " "	315° 45'	1499	1466	1436	6.3m
11	Stake 25S. platform NW	218° 00'	1291	1255	1230	7.1m
12	" " " NE	200° 15'	1349	1311	1273	7.6m
13	" " " SE	207° 01'	1264	1212	1163	10.1m
14	" " " SW	223° 01'	1199	1179	1102	9.7m
15	perimeter of R.C.	261° 30'	1324	1287	1250	7.9m
16	" " " "	264° 15'	1220	1174	1128	9.2m
17	" " " "	253° 15'	1193	1118	1044	14.90
18	" " " "	239° 45'	1024	0953	0883	14.1m
19	" " " "	234° 15'	1104	1049	0949	10.5m
20	to S. 25° to center	0° 01'	2105	1979	1856	24.9m
21	S. 25° to new W. Dring	243° 40'	1062	0733	0400	11.06/6.2m

91 - 13 - 07



6/3/13

08

	Point	Δ	Top	Mid	Bottom	Slope
TH 133	W. Ommal (S. 25)	63°40'	21342	2000	1678	-1°30' 16.4m
	1 SE. plm. cr.	109°50'	?	2442	2204	0 47.6m
	2 NE " "	104°45'	2197	1924	1707	44.0m
	3 L. maj.	108°15'	1877	1687	1498	37.9m
	4 " "	101°30'	?	1848	1684	36.8m
	5 " "	101°00'	2106	1921	1734	37.2m
	6 " "	99°45'	2038	1852	1665	37.3m
	7 " "	101°15'	2063	1892	1719	34.6m
	8 " "	110°01'	1825	1643	1456	36.9m
	11 NW plm. cr. ^{car. w. maj.}	117°10'	2012	1848	1680	33.2m
W. Ommal	12 plm. cr. ^{car. w. maj.}	122°00'	1755	1577	1400	-1°30' 35.5m
	9 plm. cr. ^{car. w. maj.}	111°45'	1966	1801	1634	0 33.2m
	10 plm. cr. ^{car. w. maj.}	115°15'	?	1702	1531	34.2m
	13 wall SE end	123°55'	?	2092	1924	33.6m
	14 " SW "	127°01'	2156	1992	1832	32.4m
	15 wall SE end	132°01'	1856	1700	1549	-1°0' 30.7m
	16 " W. plm. (2-5m)	133°30'	2225	2005	1856	00 30m
	17 NE rock block	173°30'	1290	1158	1027	26.1m
	18 NW " "	176°01'	1235	1105	0972	26.3m
	19 SW " "	175°45'	1227	1086	0946	28.1m
5m 372	20 SE " "	173°01'	1321	1182	1044	27.7m
	21 quad. pt. - N. side.	183°45'	1440	1289	1129	31.1m
	22 " " " "	192°45'	1321	1156	0990	33.1m
	23 " " " "	199°45'	1260	1064	0871	38.9m
	24 " " " "	203°30'	1200	0969	-	46.2m
	25 W side 2 col. basals	203°01'	1360	1230	1100	+0°45' 26m
	26 E " " "	197°30'	1075	0945	0816	0° 25.9m
	27 W side 1 col. basal m.f.	194°45'	1054	0930	0806	24.8m
	28 E " " "	192°25'	1010	0890	0770	24m
	29 Rock - str. 4m	177°15'	1188	1159	1131	5.7m
372	30 wall - N. con.	95°01'	2368	2144	1916	45.6m
	31 " - W. "	97°01'	2275	2059	1832	45.4m

6/3/13

Point	A	Top	Mid	Bottom	Sl-off
1 w. Dr. m. l. 25	63°40'	2342	2000	1078	1-30/16.4m
1 SE plm. m.	109°50'	?	2442	2204	0 47.6m
2 NE " "	104°45'	2177	1924	1707	44.0m
3 L. m. j.	108°15'	1877	1687	1498	37.9m
4 " "	101°30'	?	1868	1684	36.8m
5 " "	101°00'	2106	1922	1734	37.2m
6 " "	99°45'	2038	1852	1665	37.3m
7 " "	101°15'	2063	1892	1719	34.6m
8 " "	110°00'	1825	1643	1456	36.9m
11 NW plm. m.	113°10'	2012	1848	1680	33.2m
12 SE plm. m.	122°00'	1755	1577	1400	1-30/35.9m
9 NW plm. m.	114°45'	1966	1801	1634	0 33.2m
10 SE plm. m.	115°15'	?	1702	1531	0 34.2m
13 wall SE end	123°55'	?	2092	1924	33.6m
14 " SE "	127°00'	2154	1992	1832	32.4m
15 wall SE end	132°00'	1856	1700	1549	1-30/30.2m
16 " W. plm. 2. sw.	132°30'	2215	2005	1856	00 30m
17 NE Rock Black	173°30'	1290	1158	1027	26.1m
18 NW " "	176°00'	1235	1105	0972	26.3m
19 SW " "	175°45'	1227	1086	0946	28.1m
20 SE " "	173°00'	1321	1182	1049	27.7m
21 ques. pt. - N. side	183°45'	1440	1284	1129	31.1m
22 " " " "	192°45'	1321	1150	0990	33.1m
23 " " " "	199°45'	1260	1064	0871	38.9m
24 " " " "	203°30'	1200	0969	-	46.2m
25 W side 2 col. basals	203°00'	1360	1230	1100	0 26m
26 E " " "	197°30'	1075	0945	0816	0 25.7m
27 W side 1 col. basal m. f.	194°45'	1054	0930	0806	24.8m
28 " " " "	192°25'	1010	0890	0770	24m
29 NE Rock - 57A. 407	177°15'	1158	1059	1131	0 55.7m
30 wall - N. com.	95°00'	2368	2144	1916	45.6m
31 " " " "	97°00'	2275	2051	1832	45.4m

(Monday)
6/3/13

p1-13-

09

Spent the morning mapping some of the newly uncovered rock ~~and~~ concentrations / constructions that the guys found while clearing the copper processing area. Still a lot of confusing ~~bits~~ just about all the ~~the~~ stone look like river cobbles, mostly, rounded, but a fragment of cut ~~stuff~~ tuff block was noted on the 365 on the S edge.

Henry
arr 4 5:30

Note also that shards and copper / copper slag fragments are coming out along the N edge of the rubble that lies just S. of the 372. I don't recall the dry stream course from 2004 -- I think it was buried in the brush. There is also an extensive stone construction set right into the N side of the channel that looks like a prehispanic construction -- possibly a residence. Still, a bit unclear and it could be anything.

I'm going to try out the metal detector today to see if I can get it to work.

The metal detector pretty much sounds out identifier metal everywhere though there are variations in the intensity of the tone. Interestingly, intensity increases over areas where rocks are absent or dispersed on the newly discovered str. in the far NE (near station N50/E25). It could prove useful in finding burials, but I'd like to dig in a few places where it indicates a concentration. I was working on the "all metal" setting today and got results for the greatest depth.

Lacks like
it's a
Henry
arr 5
8 pm

6/4/13 (Tuesday)

all day going to being in and returning from Tzucuzulpa. Can't be late in route, get permission to proceed + the papers (convenio + contrato) are to be sent along later. Left at 7 am, returned at 8 pm.

6/5/13 (Wednesday)

Spent the day plotting out 6/3's points and working on other materials. Plan to start digging tomorrow.

(Monday)
6/3/13

p1-13-

09

Spent the morning mapping some of the newly uncovered rock ~~and~~ concentrations / constructions that the guys found while clearing the copper processing area. Still a lot of confusing lines just about all the ^{the} stone look like river cobbles, mostly, vesicular basalt though a fragment of cut stuff tuff black was noted on the 365 on the S. edge.

Heavy rain 4-5:30pm

Note also that sherds and copper / copper slag fragments are coming out along the N. edge of the walls that lie just S. of the 372. I don't recall the dry stream course from 2004. I think it was buried in the brush. There is also an extensive stone construction set right into the N. side of the channel that looks like a prehispamic construction, possibly a residence. Still a bit unclear and it could be anything.

I'm going to try out the metal detector today to see if I can get it to work.

The metal detector pretty much sounds out identifier metal everywhere though there are variations in the intensity of the tone. Interestingly, intensity increases over areas where rocks are absent or dispersed on the newly discovered str. in the far NE (near station N50/E25). It could prove useful in finding batypate, but I'd like to dig in a few places where it indicates a concentration. I was working in the "all metal" setting today with no good results for the greatest depth.

Looks like heavy rain 8pm

6/4/13 (Tuesday)

all day going to being in, and returning from Soguesgualpa. Car broke down on route, get permission to proceed + the papers (convenio and contrato) are to be sent along later. Left at 7am, returned at 8pm.

6/5/13 (Wednesday)

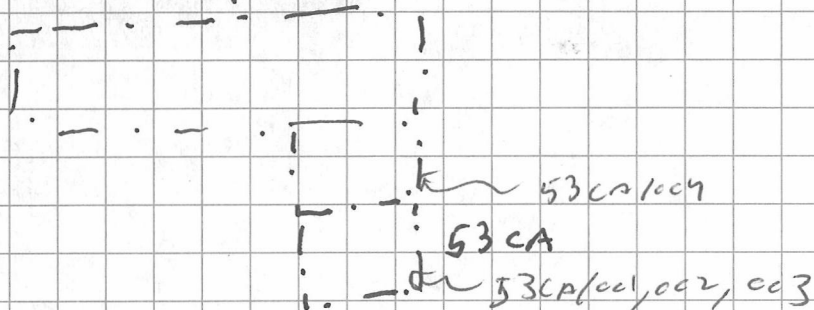
Spent the day plotting out 6/3/13 points and working on the metadata. Plan to start digging tomorrow.

N-67 Subop 53 CA

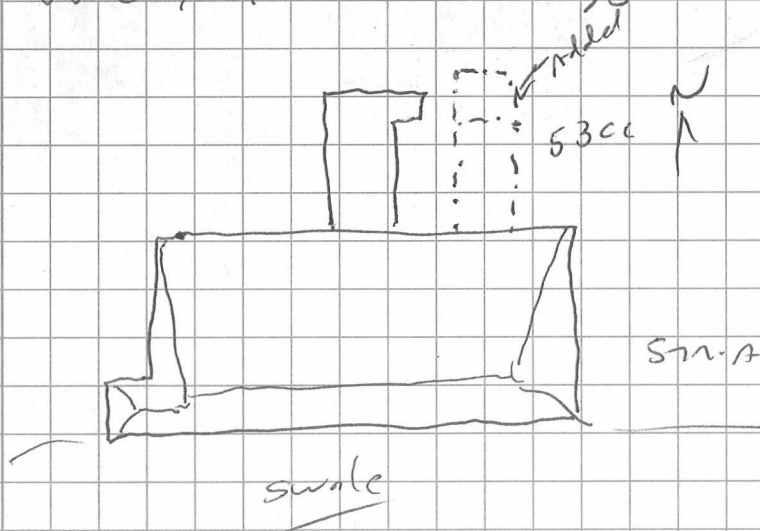
6/6/13

Subop 53 CA - 1x1m pot 2 m East east of the n. end of the Subop (53 AD/AB) / trench that cut across the 373 N-S. 53 CA/001 - 0.2m Bgs.

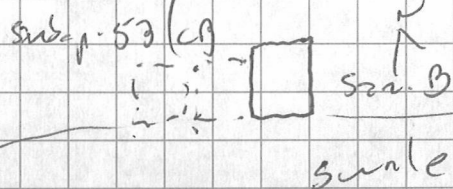
Subop 53 AD



Subop 53 CC 1x3m trench (N-S.) set off the N. side of the A (found their gear along the S. wall) 53 CC/001 2 0-0.2m bgs. N-most 1x1m.



Subop 53 CB 1x2m trench set off the w. side of the rock, which located on the n. side of the swale, S E of the 372.



Subop 53 CB/001 - 0-0.2m bgs - w-most 1x1m.

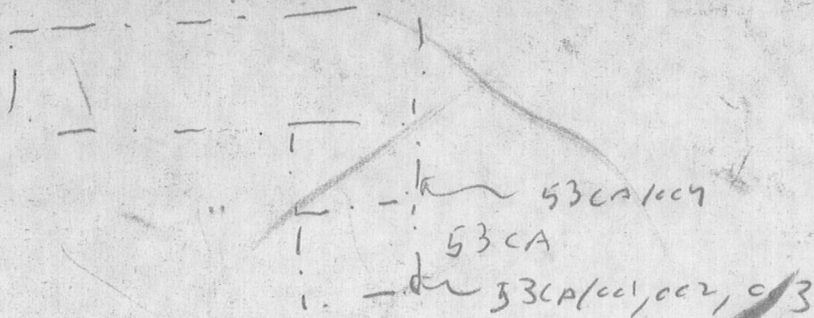
N. 67 Subop 53 CA

6/6/13

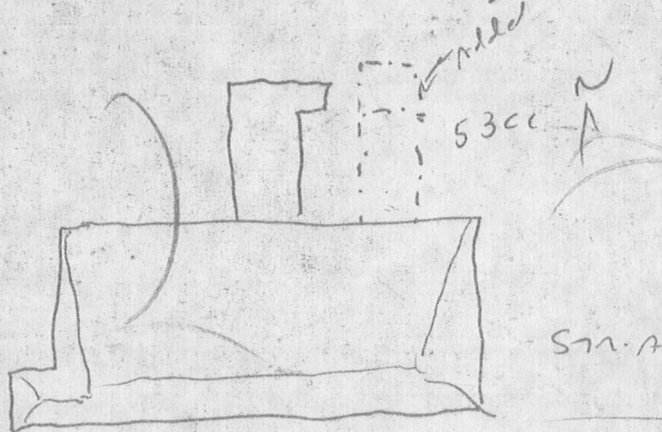
Subop 53 CA - 1x1m pit 2m East east of the r. end of the Subop (53AD/AB) / trench that cut across the 373 N-S. 53CA/col - 0.2m BGS.

Subop 53AD

→ N

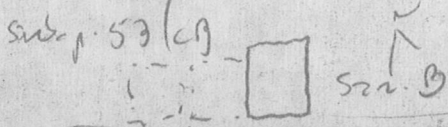


Subop 53 CC 1x3m trench (N-S.) set off the r. side of the A (found this year along the S. wall) 53 CC/col 2 0-0.2m BGS. N-most 1x1m.



swale

Subop 53 CB 1x2m trench set off the r. side of the rock. which located on the r. side of the swale, S E of the 372.



swale.

Subop 53 CB/col - 0-0.2m BGS. - w-most: 1x1m.

when in the trench, I found that the ditch was not

Steve and guys working in 3 crew this morning (which is descent after moderately heavy rain last night); one crew is back at the 373 trying to find the white / buff floor -- beginning $\pm 2m$ east of the N. end of bulge 53A0. Another is digging in towards the rock block (temporarily called the B) on the N. edge of the rock and the third is coming onto the N. side of the B (large "edifice" on the N. side of the rock) to see if we can get a sense of what it is. There are small trees all around the excavation (except the 373 example) so disturbance is expected especially considering how shallow deposits here are. The soil is very wet and soft so far.

Bulge 53CC is revealing a pretty solid level of stone at the 1st 0-0.2m bgs - there's a fairly visible layer wedged in away what looks to be fallen rocks -- possibly a late solution. No artifacts so far. As it probably more cut N or 1x1m to get some perspective on the rocks.

Bulge 53CA at 0.2m bgs the soil changes from a fairly fine silt to a sandy mix with clay. A large fragment is coming out near the base (0.4m) of the 1st 53CA/0024 and more artifacts - especially sherds and some blades ^{we} are coming out as well. ^{could be fragment of}

Bulge 53CB -- sherd (few) and clay fragments are coming out in the first lot (0-0.2m bgs - 53CB(cc1) but no stoner -- basically just dirt.

Bulge 53CC/cc1

mostly rubble, I know think.

Scale 1 square 10.6m.

the line is lying on the N. edge of the pithouses. white rock mostly covered by a



dist.

possibly in place. ^{estimated} ^{technique} ^{marked} ^(removed)

possible features - most of the rocks look flat-laid and purposeful

Have my guys working on 3 crew this morning (which is descent after moderately heavy rain last night); one man is back at the 373 trying to find the white / tuff floor -- beginning \pm 2 m east of the N end of bulge 53A0. Another is chipping in towards the rock block (temporarily called the B.) on the N. edge of the rock and the third is coming onto the N. side of the B. (large "edifice" on the N. side of the rock) to see if we can get a sense of what it is. There are small trees all around the excavation (except the the 573 example) no disturbance is expected, especially considering how shallow depths they are. The soil is very wet and soft so far.

Subop. 53CC is reaching a pretty solid level of
stone in the 1st C-C. 2 or 355 - there is a fairly visible
line wedged in away what looks to be further
rocks -- possibly a late collocation. The artifacts so far
as all probably more cut in a 1x1m to get some
perspective on the rocks. All the better 9/1

subop. 53CA at 0.2 m bgs. etc. would be that 9 ft from
a fairly fine silt to a sandy mix with clay.
a bare fragment in core cut near the base (0.4 m)
of the lot 53CA/1002, and more artifacts - especially
shards and some obsidian ^{are} core cut on well

July 53CB - sharks (few) and very pregnant are coming
out in the first lot (0-0.2mBS - 53CB(cc1) but
no stoner - biologically just start, possibly late. in

July 53 CC/cc

mostly tumble, I
now think.

Scrb: 1 Syumey
10.5 y.

She here is
lying on the
edge of the papyrus
white rock
partly covered by

whno

possibly in place.

estimated volcanic

crater or tilted neck (removed)

possible features

nest of the crater

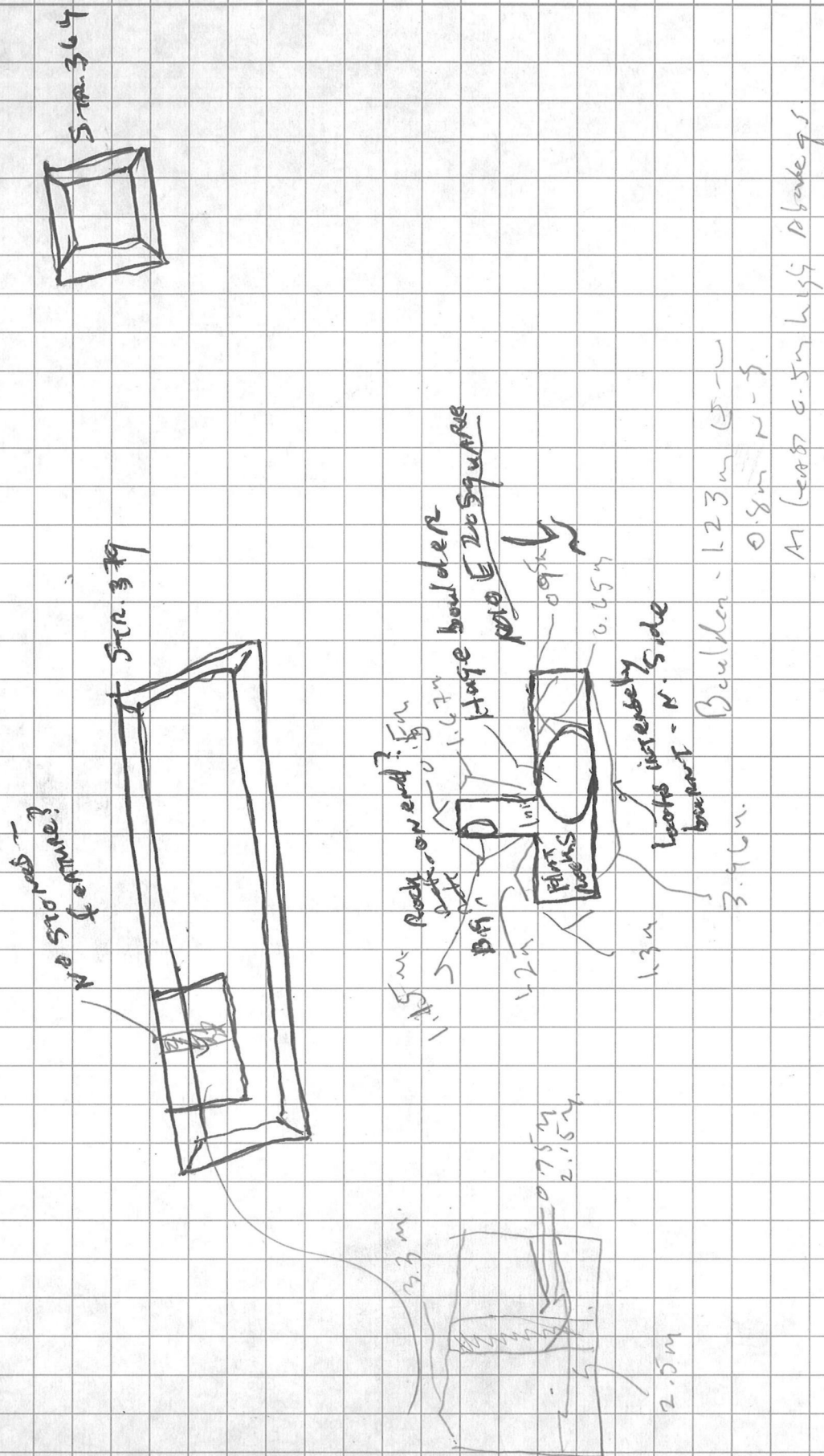
back flat land

and pyroclastic



- 53CA/001 - 0-0.2m bgs. - Furnace Fragments
53CA/002 - 0.2-0.4m bgs - slag, shards, 1 broken register/pot. around.
53CB/001 - 0-0.2m bgs. - few shards, some slag, iron nail, a bone
53CC/001 - 0-0.2m bgs. - ^{min. depth} stones & plenty, bone.
53CB/002 - 0.2-0.4m bgs. - sherd, slag, bone
53CC/002 - next 1x1m not original trench, 0-0.2m bgs around necks 1 sherd
53CB/003 - 0.4-0.6m bgs. very little slag (2 pieces)
53CA/003 - 0.4-0.55m bgs. - looking for white rock floor, few furnace frags
53CB/004 - 0-0.2m bgs - next 1x1m square to the east of Str. B.
53CA/004 - 0-0.2m bgs. next 1x1m pit to W → Subg. 53AD.
53CC/003 - clearing around necks in 1st 2 1x1m pits, leaving necks empty
53CB/005 - 0-0.2m bgs immediately W of the black tower neck
of the black - empty
53CA/005 - 0.2-0.4m bgs. 2nd 1x1m unit. W of Subg 53AD, furnace.
53CB/006 - 0.2-0.4m bgs in the 2nd 1x1m ^{to the} East. shards, little slag, chert
53CA/006 - 0.4-0.55m bgs. furnace fragments, chert, register/pot
53CB/007 - 0.48m W of the rock block 0.2-0.4m bgs. Empty
53CC/004 - 3rd 1x1m unit S. of N. trench wall - clearing down to
0-0.15m bgs. rocks in the next cross the Str. - Bone (?) and flint
53CA/007 - 0.55-0.75m bgs near both 1x1m units
53CB/008 - 5m E of W trench wall, 1x1m, 0-0.2m bgs. Shards, slag, furnace frags
53CC/005 - 4th 1x1m unit S. of N. trench wall - to level of ^{above} ~~ground~~
53CB/009 - 5m E. of W. trench wall, 0.2-0.4m bgs. Shards & slag
53CC/006 - N-most 1x1m, clearing up near tunnel - empty
53CC/007 - 1x1m unit located adjoining and west of
the trench in N-most excavation unit. - mostly (iron) & bit of magnesia
concerned to clearing among mostly fallen necks looking for construction
53CA/008 - 1x1m pit, W of & adjoining Subg 53AB/AD W line W/
To 1x2m dug yesterday - 0-0.2m bgs. Shards, slag, Furnace
53CA/009 - W 1x1m pit, 0.2-0.4m bgs. Shards, slag, chert, BT
53CB/010 - 574m E of W trench wall, 0.4-0.6m bgs Empty
53CB/011 - 474m E of W trench wall - 0-0.2m bgs + clearing
rocks of the Rock block. Shards (1 large can't handle), slag
53CC/008 - 1x1m adjoining to W of 2nd 1x1m at the original
trench, S. of 53CC/007 sherd chert - rubble
53CB/012 - 474m E of W trench wall, 0.2-0.4m bgs, looking for
base of castle wall, slag, shards (?)
53CB/013 - 474m E of W trench wall, 0.4-0.6m bgs. 1 slag
53CA/010 - 0.4-0.55m bgs. in 1x1m W of Subg 53AB/AD 2nd level of
small stone floor (see plan 10). Shards, chert, slag.

- 53CA/001 - 0-0.2m bgs. - Furnace Fragments
- 53CA/002 - 0.2-0.4m bgs. - slag, shards, (broken reported + found. unind.)
- 53CB/001 - 0-0.2m bgs. - few shards, some slag, an unind. close
- 53CC/001 - 0-0.2m bgs. - ^{max. depth} stones, plenty, bare.
- 53CB/002 - 0.2-0.4m bgs. - shards, slag, bare
- 53CC/002 - next 1x1m not original trench, 0-0.2m bgs. Around rocks 1st row
- 53CB/003 - 0.4-0.6m bgs. - very little slag (2 pieces)
- 53CA/003 - 0.4-0.55m bgs. - looking for white rock floor, few furnace frags
- 53CB/004 - 0-0.2m bgs. - next 1x1m square to the east - 2m B.
- 53CA/004 - 0-0.2m bgs. next 1x1m pit to W - Subop. 53AD.
- 53CC/003 - cleaning around rocks. in 1st 2 1x1m pits, leaving rocks. Empty
- 53CB/005 - 0-0.2m bgs. immediately W of the black block + no rocks
- 53CA/005 - 0.2-0.4m bgs. 2nd 1x1m unit. W of Subop. 53AD, furnace
- 53CB/006 - 0.2-0.4m bgs. in the 2nd 1x1m unit. E of Subop. 53AD, shards, no slag
- 53CA/006 - 0.4-0.55m bgs. - furnace fragments, charcoal, pottery
- 53CB/007 - 0.4m W of the rock block 0.2-0.4m bgs.
- 53CC/004 - 3rd 1x1m unit S of pit + trench wall - cleaning
- 0-0.15m bgs. Rocks in the next cross the 5m. - Bare (?) and flint
- 53CA/007 - 0.55-0.75m bgs. on both 1x1 units
- 53CB/008 - 5m E of W trench wall 1x1m 0-0.2m bgs. Shards slag
- 53CC/005 - 4th 1x1m unit S of W trench wall - level of
- 53CB/009 - 5m E of W trench wall, 0.2-0.4m bgs. - shards, slag
- 53CC/006 - N-most 1x1m, cleaning approx. inside. - Empty
- 53CC/007 - 1x1m unit located adjoining and west of the trench in N-most excavation unit. most (most) of bgs. now converted to cleaning among mostly fallen rocks looking for construction
- 53CA/008 - 1x1m pit W of + adjoining Subop. 53AB/AD in line with 1x2m dug yesterday - 0-0.2m bgs. Shards, slag, Furnace
- 53CA/009 - W 1x1m pit, 0.2-0.4m bgs. Shards, slag, chert, B
- 53CB/010 - 5m E of W trench wall 0.4-0.6m bgs. Empty
- 53CB/011 - 4.7m E of W trench wall - 0-0.2m bgs + cleaning rocks of the rock block. Shards (1 large conical handle), slag
- 53CC/008 - 1x1m adjoining W of 2nd 1x1m of the original trench S. of 53CC/007 short chert rubble
- 53CB/012 - 4th 1x1m E of W trench wall, 0.2-0.4m bgs. Looking for base of castle wall. Slag, shards (?)
- 53CB/013 - 4.7m E of W trench wall, 0.4-0.6m bgs. 1 slag
- 53CA/010 - 0.4-0.95m bgs. in 1x1m W of Subop. 53AB/AD to look at small stone floor + plumed. Shards, chert, slag



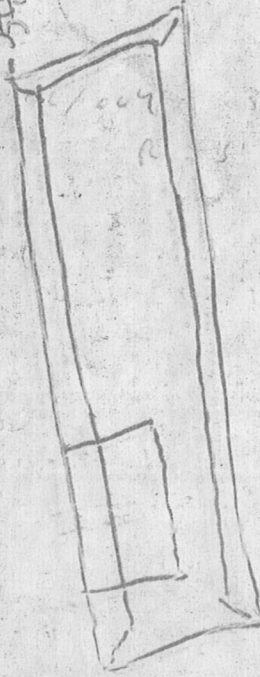
Sta. 364



0-5 m 45°

more shaggy, normal, close
stones plenty, here

Sta. 379



MS 50 Stomach
interior?

Rock, over?

Huge boulder
protrudes square

BF



Flat
rocks

looks intensely
burnt
side

show that

using

53 CA/c03 - Gary
 0.4-0.45m bgs in
 search of the white
 floor that underlies
 at least part of the
 str. 373 furnace zone.
 No sign of the
 floor + artifact
 densities near logs,
 are dropping.

53 CB/c03 - 0.4-0.6m bgs.
 increase in the frequency of medium-size
 to small, very - rounded stones. Decrease, apparently, in
 the frequency of artifacts. The color changes (of the soil)
 53 CA/c03 - about 0.2m bgs. to a light brown, which
 is continuing down to 0.6m bgs at least

53 CC/c01 The hole encountered on the W. edge of block 53 CC
 looks to be the very fragmentary remains of a long hole
 with the epiphyses to the S. 0.2m long NW/SE by 0.05m
 wide. The hole lies over one of the in situ rock's SW
 end (white rock in the drawing) and abuts another
 rock immediately to the S. A medium-size nest removed
 the hole. Definitely from a domesticated animal, possibly
 a pig?

The rock uncovered in 53 CC/c01 largely looks to be
 in place. There was a large stone that had been
 high up in the lot and looked fallen to the west,
 now resting in part on the large white rock with a
 big E-W crack in it, but tipped down + off it
 westward. I can't tell if the rock-form or are on the
 S. open to the NE but that is possible. - there are only a
 fair # of rocks at here that could have sheltered
 rare stone.

53 CA/c03 - No sign in this tank - the point and in
 2nd row has not reappeared. as all finish this lot and
 move on to the next 1x1m w., adjacent to July 53 #10.

53CA/c03 - Gang
c. 4-0.45m bgs in
search of the white
floor that underlies
at least part of the
th. 373 furnace dump.
No sign of the
floor + artifact
diminishes near base,
are dropping.

53CA/c02

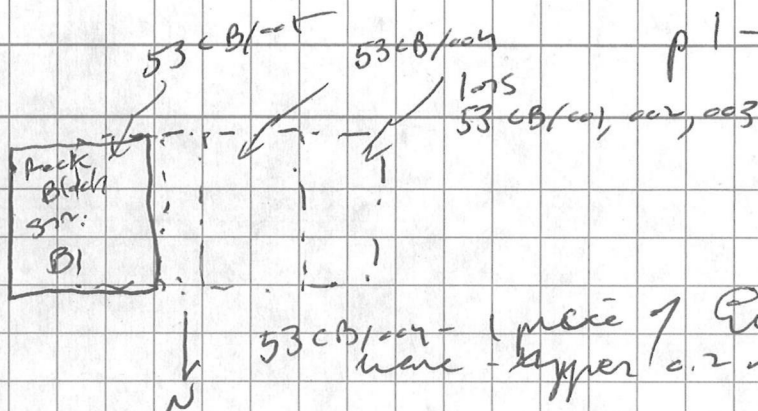
0.27m bgs

53CB/c03 - c. 4-0.6m bgs.
increase in the frequency of medium size
to small, very rounded stones. Decrease, apparently, in
the frequency of artifacts. The color changes (if the soil)
53CA/c03 - about c. 4m bgs to a light brown, which
is continuing down to 0.6m bgs at least

53CC/c01 The lone precontact or the W. edge of block 53CC
looks to be the very fragmentary remains of a long low
with the epiphyseal to the S. c. 2m long NW/SE by 0.5m
wide. The lone here over one of the in situ rock's SW
end (white rock in the drawing) and about another
rock immediately to the S. to medium size rock run over
the low. Definitely from a domesticated animal, possibly
a pig?

The rock uncovered in 53CC/c01 largely looks to be
in place. There was a large stone that had been
high up in the lot and looked fallen to the west,
resting in part on the large white rock with a
big E-W crack in it, but tipped down + off it
westward. I can't tell if the rock is an in situ one or the
S. one to the NE but that is possible - there are also a
fair # of rocks there that could have chipped
from there.

53CA/c03 - No sign of the tank - the floor and in
2004 has not reappeared. as all fresh the lot and
more up to the next (x) in W. adjacent to July 53AD.



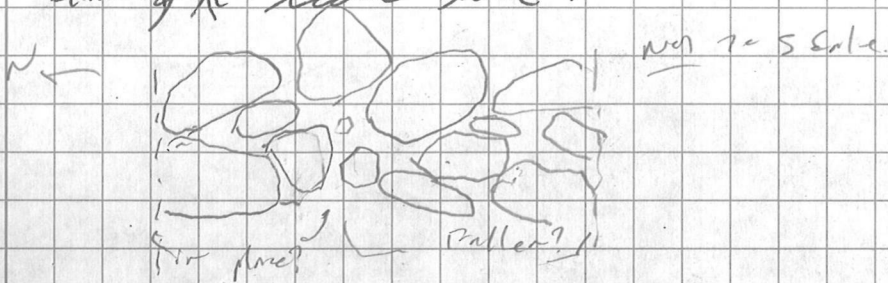
53CB/003 Clearing around the rock revealed in the 1st 2 1x1m pits dug in July 53CB off the N. side of str. A. Dig down about 0.1m but this may change as we proceed. A lot of rocks and many seem to be lying flat. A tree to the N. (within 1m of the current trench) will likely block further excavation in that direction. Very few artifacts so far.

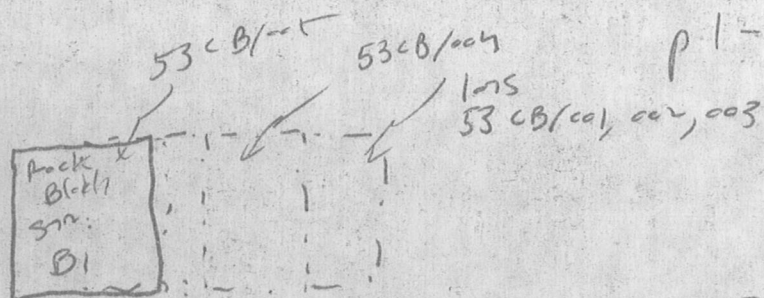
str. A pit is coming out as dense concentration at several points on the S. side of str. A (where it runs down into the channel). It looks like there will be a lot of stone but most of that facing has slid south into the channel.

53CB/005 - next 1x1m unit to the east overlaps with the W. 1/2 of the rock block. Clearing down to 0.2m bgs. W. of the block + clearing the stones of the block. Empty.

The block looks heavily disturbed on the S. 1/2 as revealed in July 53CB though the N. side may still be in place and it all may be better preserved at greater depth. -- Digging S. 1/2 the quadrangle

Dig down 0.2-0.4m bgs. in the second 1x1m to the E. of the original trench in W. wall to get greater depth on the rock block 53CB/004





53CB/003 Clearing around the rock revealed in the 1st 2 1x1 m pits dug in July 53CB off the N. side of str. A. Digging down about 0.1 m but this may change as we proceed. A lot of rock and many seem to be lying flat. A tree to the N. (within 1 m of the current trench) will likely block further excavation in that direction. Very few artifacts so far.

Str. A pit is coming out as cleared concentration at several points on the S. side of str. A (where it runs down into the channel). It looks like the side was faced with stone but most of that facing has slid south into the channel.

53CB/005 - Next 1x1 m unit to the east overlaps with the W. 1/2 of the rock block. Clearing down to 0.2 m bgs. W. of the block + clearing the stone of the block. Empty.

The block looks heavily disturbed on its S. 1/2 and revealed in July 53CB though the N. side may still be in place and it all may be better preserved at greater depth. -- Digging S. to the quebrada

Digging down 0.2-0.4 m bgs. in the second 1x1 m to the E. of the original trench in W. wall to get greater depth on the rock block 53CB/006



NOT TO SCALE

hubp. 53CB

at about 0.32m bgs. the soil changes from a moderately soft-compacted, brown, rock-free earth to a light brown, soft-compacted soil full of river-rounded small to medium size rocks. This level seems to rise towards the rock block on the E., being within 0.17m of ground surface adjoining (w/in 0.5m) of the block. The lower soil has very few artifacts.

hubp. 53CC

what I thought was a curve in the S. part of the first 1x1m I now see as tumble falling down to the W. Below stone slabs are rocks that seem to be in place. To the N. there is a dense concentration of stones in the 1x1m opened up to in their direction. A probe of some size run through has seemingly disrupted many of the rocks in the upper levels and there is more evidence of rock fall, tending W. with seemingly flat-land rock underneath. I'm guessing that there are several rock features to the N. of the S. and, taken together with the S., have created a confusing mix of fallen debris in their midst. Plan to continue S. in the trench to the next 1x1m, leaving the exposed rocks in place until (if the patterns become clearer. They slope out to the N. to try and figure what's fallen & what's original, if anything).



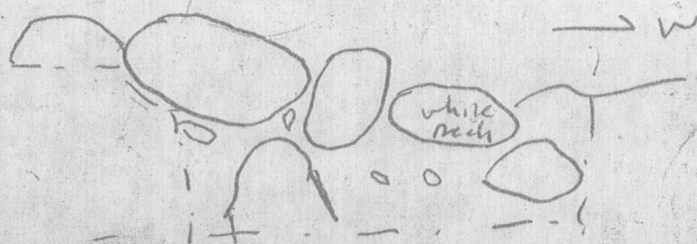
where rock from the sketch plan on p1-13-11.

hubp. 53CB

at about 0.32m bgs. the soil changes from a moderately soft-compacted, brown, rock-free earth to a light brown, soft-compacted soil full of river-rounded small to medium size rocks. This level seems to rise towards the rock black on the E, being within 0.17m of ground surface adjoining (w/in 0.5m) of the black. The lower soil has very few artifacts.

hubp. 53CC

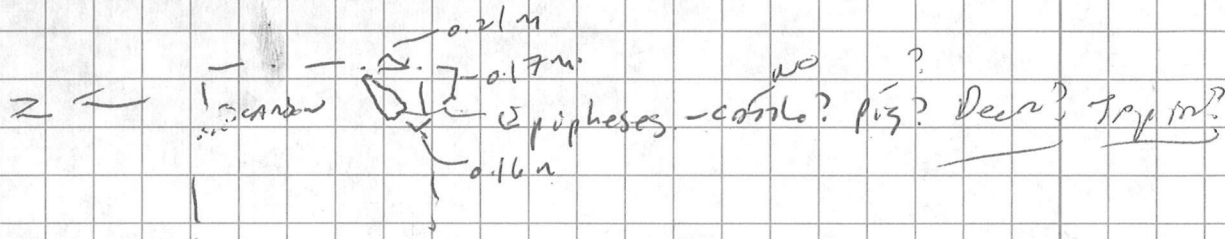
what I thought was a curve in the S. part of the first 1x1m I now see as tumble falling down to the N/W. Below these stones are rocks that seem to be in place. To the N. there is a dense concentration of stones in the 1x1m opened up to in other direction. A probe of some size run through here and seemingly disrupted many of the rocks in the upper level and there is more evidence of rock still standing w. with seemingly flat-land rock underneath. I'm guessing that there are several rock features to the N. of the A. and, taken together with the A. have created a confusing mix of fallen debris in their midst. Plan to continue S. in the trench to the next 1x1m, leaving the exposed rocks in place until if the pattern became clearer. May clear cut to the side to try and figure what's fallen & what's original if anything.



where rock from 76

sketch plan on p1-13-11

53CA 1007 - at 0.6m bgs, 0.22m W of the trench's NW corner, small carbon sample. Also found a small fragment of animal long bone 0.55m bgs, 0.2-0.17m from the S. hand trench wall



What found at this level: 1 shard, a copper-red rock, a furnace fragment, a piece of quartz. No floor has shown up.

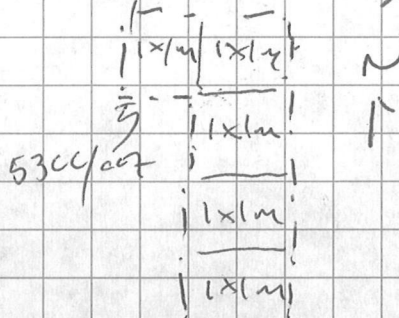
The carbon is quite chipped and not associated with a clear feature as set of artifacts collected the sample and none were but I don't think it's a high priority sample.

53CB/008 - Few stones found in the upper 0.2m.

July 53CC - Still clearing toward the summit - layer remains unclear. Almost no artifacts, which suggests to me that we're not through the tumble, if there is a redecore.

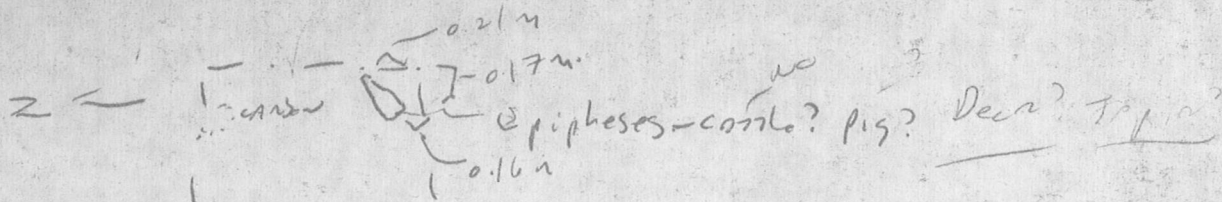
53CA/007 - at 0.62m bgs 0.8m E of the trench's NW corner another big piece of bone has shown up, isolated like the last one. 0.5m long, lay low, animal, epiphyses to the SE. looks like the same animal. Still finding furnace fragments and some slag - no floor.

July 53CC - end of the day. The 1x1m net to the west of the original trench line is to stay and uncover the extent of what looks like a stone feature in the W. part of the trench. we can't get further W. because a significant tree is in the way. No clear signs of the stone but lots of tumble.



p1-13-

53CA 1007 - at 0.6 m bgs, 0.22 m w of the trench's NE corner, small carbon sample. Also found a small fragment of animal long bone 0.55 m bgs, 0.2-0.17 m from the S. trench wall.



she found at this level: 1 shard, a copper-rich rock, a furnace fragment, a piece of quartz. No floor has shown up.

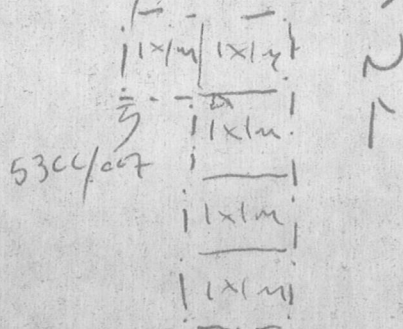
The carbon is quite charred and not associated with a clear feature or set of artifacts. Collected the sample and some more but I don't think it's a high priority sample.

53CB/008 - Few stones found in the upper 0.2 m.

July 53CC - Still clearing toward the summit - lines remain unclear. Almost no artifacts, which suggests to me that we're not through the tangle of this or a residue.

53CA/007 - at 0.62 m bgs, 0.8 m E of the trench's NE corner another big piece of bone has shown up, isolated like the last one. 0.5 m long, lay low, animal, epiphyses to the SE. looks like the same animal. Still finding furnace fragments and some clay - no floor.

July 53CC# - end of the day. She 1x1 m net to the west of the original trench line is to try and uncover the extent of what looks like a stone feature in the v. part of the trench. as we can't go further v. became a significant tree in the way. No clear signs on the str. but lots of tangle.



6/7/13 (Friday)

pl-13-18

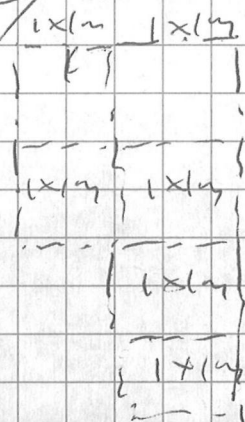
Subep 53CA - Continued with a 1x1/2 pit in line with the 1x2 m trench we dug yesterday, but lying W. of the adjoining the outlier of Subep 53AB/AD. Digging down in 0.2 m lots as we did yesterday, until we get to 0.4 m bgs and then we'll go in a 0.15 m increment to see if we find the white floor.

NOTE/NO
NOW (157)
NIGHT
this morning
clearing by
10:00 am

Subep 53CB - Dug with 5th m E of the W. trench wall from 0.4-0.6 m bgs and found no artifacts. From the medium to the well there were largely absent (as opposed to their presence on the W. side). Shovel up to the 4th m to and onto the E face of the rock block. Much to my surprise we found an intact wall line running at an angle to the trench. Now digging to find the base of the E. The west side of the block looks to have been chewed/disturbed - possibly by run-off or shear block as seen by the semi-circular medium to well scale found here? Found artifacts in the 0.4-0.6 m bgs. lot against the wall's east side including a small camp handle. The well is called "Castle."

Subep 53CC Clearing 2 m W of the original trench, in line with that operation's 2 x 1 m unit. Finding lots of rocks, none really no pattern yet.

new excavations



pliny 1000 scale

6/7/13 (Friday)

p1-13 - 18

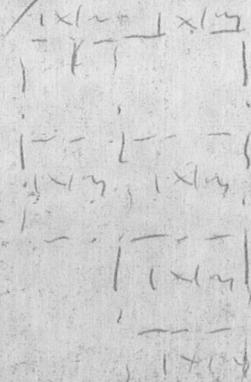
July 53CA - Continued with a 1x1m pit in line with the
 1x2m trench we dug yesterday but lying W. and
 adjoining the northern of Subey 53AB/AD. Digging
 Subey 53CA. Subey 53CA down to 0.2m but as we did
 yesterday until we get to 0.4m bgs
 and then we'll go in a 0.15m
 increment to see if we find the
 white floor.

Little/no
 rain. In
 night this morning
 clearing by
 8:30 AM 9 AM.

July 53CB - Dug out 5th m E of the W. trench wall
 from 0.4-0.6m bgs and found no artifact. From the
 medium to small stones were largely absent
 (as opposed to their prevalence on the W. side).
 Moved up to the 4th m to and onto the E face
 of the rock block. Much to my surprise we
 found an intact wall line running out on to
 the trench. Near digging to find the base on the
 E. The west side of the block looks to have
 been chewed / disturbed - possibly by run-off
 or shear block as seen by the very rounded
 medium to small rocks found here? Found
 artifacts in the 0.4-0.6m bgs lot against the wall
 east side, including a sizable camp handle.
 The wall is called "Castle."

Subey 53CC Clearing 2m W of the original trench, in
 line with that excavation. 2 x 1m with picking
 for pattern. lots of rocks, none small,
 no pattern yet.

new
 excavation



plan, not a scale

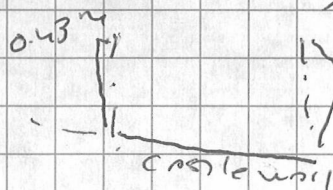
53CB/091-013 - She & size and shape of there

late are odd - shorter (0.43m)

on the N. than the S (1m)

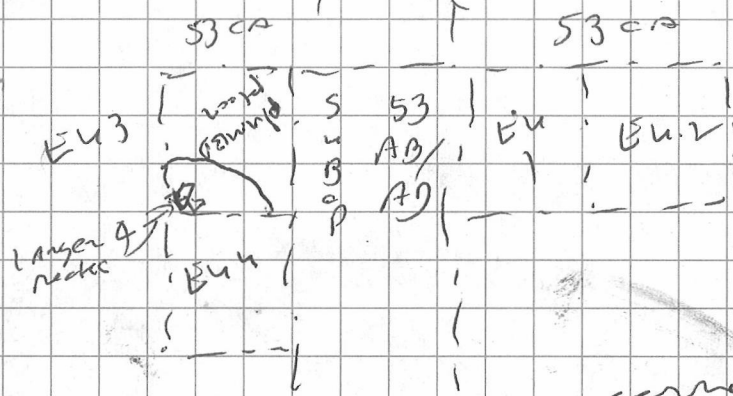
because of the & at which

CASTLE cuts across the trench



Planned

53CA/010 - At ca. 0.45m bss - encountered a well-sorted floor that we did not encounter in bloop 53AB/AD though it is at the same depth as the white floor found in there 2007 excavations. Stopping at there point and moving 1x1m to the S. along the W. side of bloop 53AB/AD



Planned is made of moderately dense-packed small stones that do not continue all the way across the excavation. They are absent in the EU's SW

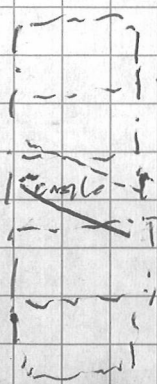
corner where more large & rocks are noted in the EU's

SW corner. Otherwise the area of the SW corner is filled with dirt.

53CB/014 - Mover 3 0.4-0.6m bss, because of the & at which the wall runs across the trench the lat is 0.2m E-W. on the S. side of 0.43m on the N. part trying to find CASTLE's base here.

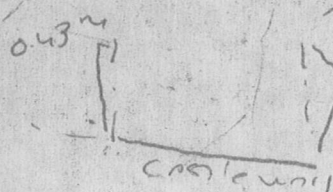
23 July 53CB - CASTLE's best preserved & sub is oriented ca 15° while the trench is oriented ca 50° or 60°. In any drawing the section so that it intersects CASTLE at 90°.

53B/014 is in a 1x1m cut N of + adjoining m 4 & 5 of the W. trench wall looking for CASTLE's wall. Digging 0-0.2m bss and among the stones of CASTLE to clear it site that CASTLE is poorly consolidated



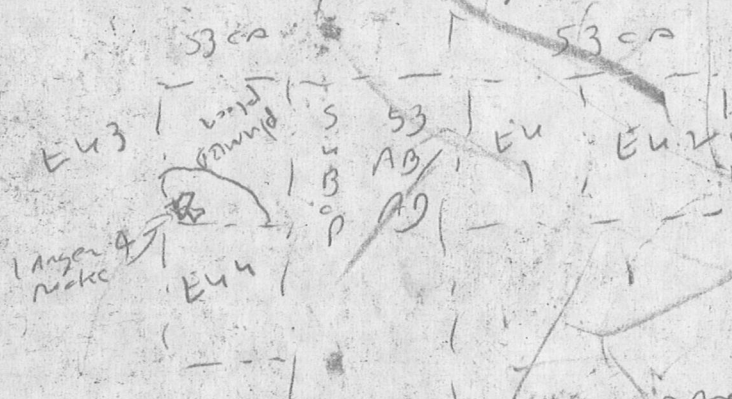
p1-13-

53CB/011-013 - Ste to N and S of there

late are odd - shorter (0.43 m)
on the N. than the S (1 m)because of the 4 at which
CASTLE cuts across the trench

Planned

53CA/010 - At ca 0.45 m bgs - encountered a small stone floor that we did not encounter in loop 53AB/AD though it is at the same depth as the white floor found in those 2007 excavations. Stopping at that point and moving 1x1 m to the S. along the W. wall of loop 53AB/AD



Planned is made of moderately dense - packed small stones that do not continue all the way across the excavation. They are absent in the EU3 SW

corner where several large & rocks are noted in the EU3 SW corner. Otherwise the area of the SW corner is filled with dirt.

53CB/014 - Meter 3, 0.4-0.6 m bgs because of the 4 at which the wall runs across the trench the lot is 0.2 m E-W. on the S. side of 0.43 m on the N. just trying to find CASTLE'S base here.

23 July 53CB - CASTLE'S best preserved E. side is oriented ca 90° while the trench is oriented ca 90°. A long drawing the section so that it intersects CASTLE at 90°.

53B/014 is in a 1x1 m pit N of + adjoining N of E of the W. trench wall looking for CASTLE'S wall. Digging 0-0.7 m bgs and away the stones of CASTLE to clear it site that CASTLE is poorly consolidated

Vshen ~~53CB/014~~ - 0.4-0.6m ~~SS~~ (see P1-13-19), m 3, 3m of w. thick with
 Emp 22 ~~53CB/015~~ - 0-0.2m ~~SS~~ in 1x1m of 4m (P1-13-19) and ~~any~~ ^{any} section

slag rich neck floor - chert, shale, clay, furnace - 3 layers (furnace pc
copper 500/016 - 0.2-0.4 m bss in BU L (A1-13-19, 21) around rocks of castle

~~shrub~~ shrub, furnace near BT; Herbivore 2004.

53 CB/OCT 1 m n-s & 1 m W in local s. of E45 (p. 1-13-19+21) to follow Castle B. 0-0.2 m bgs and above the rockier thin or more E47. - extended to 1 m, some depth.

53 ca/dh - In the 0.75 m R-9 x 1 m² w. between Plumed
floor out the L flat - hard white stone on the S, goes
down 0.1 m (0.4 - 0.5 m bgs) in WNS EWS 3+4 - sly (like like
a small dish), shd, chrt - 'very little'

53CA/015 - In the same area as 53CA/014, 0.5-0.6 mgs - still leaving plumel and the 2 flat-land stems in the S. in place.

53CD/001 0-0.2m bgs in str. (81m test pit. sh. (1/3) clay / example) and a fair amount of slag.

53 CR/016 - same area as 53 CR/014, 6-6-07m bgs. 3/1/16

✓ 5/3 CA/017 - " " " " " " 0.7-0.8m high shrubs

153CD/002 - 0.2-0.476, S. Herd, day.

53CA/018 - 0.8 - in by's. same as 53CA/014. shed.

✓ 53 CD/003 - 0.4-0.6 m bgs. chert, slag

X53CD/004 - a.c. - 0.8 mbs; 1 piece of dubious chert

53/A/019 - 0.0-0.2 m bgs. - Euc 5, immediately S of G41 landing
back towards the debris pile. Fuhrman, Sheryl

✓ 53CE/d91 - ca 0.2 mbs in (X) in test pit E of 53CB in pres of
light sand concentration, permeable

✓ 53C A/924 ~ 0.2-0.4 m bsc in E4 5 burrows + shallow

5/30 A/921 - 0.2-0.5 m bgs. v. g. a possible well line - ^{House} 5' 5"
 10' circled area measured 1 x 0.36 m

✓ 53 (CR/022 - 0-0.2m bgs in EU 6; E of EU 5 + S. of EU 2
lab down

✓/ further + (absorption)
✓/ E3C41023 020-0.46-0 1341

1/5 3C4/φ 23 - 0.2 - 0.74655, 246.
1/5 3C4/φ 24 - 0.4 - 0.50609, 241 - wh. mit human stark

433CA/φ24 = 0.4-0.5 m/s, E46 - whole limit. of primary peak

$53 \text{ cm} / 0.5 - 0.5 - 0.7 - 6.5 - 15.6$ whole unit - steady lab^{low} ^{low} ^{low}

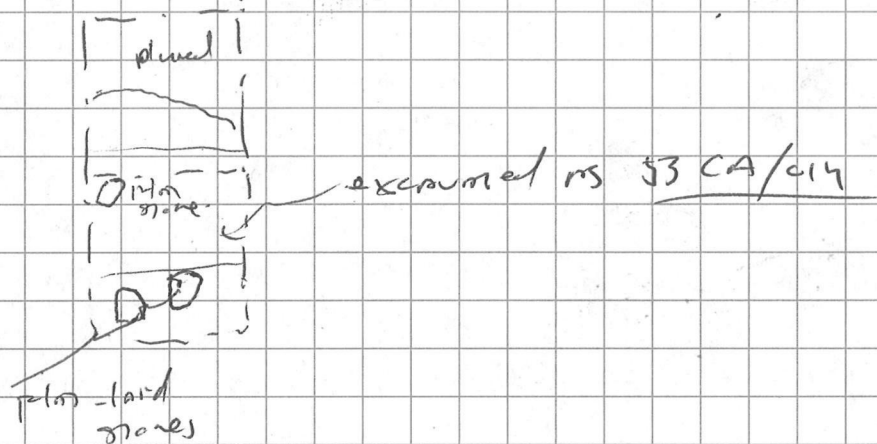
57 5308/02-02-0.4m Ls. Phasces sloz Shards Chert bone

11 5306/003 - 0.4 - 0.7 m bss. - Pugh Notes 0.4 m bss. - 5306/003 - 0.4 - 0.7 m bss. - cherty - BT -

July 53CA Clearing off the Plumed now - will try
and put through the area between plumed on the N and
general stone on the S. that look flat-laid. The 2 flat-
laid rocks could be part of the lime seen in section
ca. 1.4m S. of July 53 AB/AD's as end.

A large treebore root came out at the base of
53CA/013 at 0.4m S.S. atop a flat-laid rock (ca. 1.4m S. of
the 53' NW corner, up against the W. excavation wall
(in 534).

Soil stone / Plumed floor are set in a hard
reddish-brown soil, different from the soft brown soil
that lies to the S. Could plumed have been burnt?
Very few artifacts coming out.



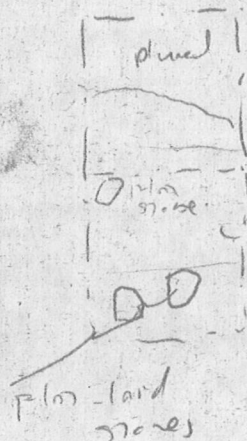
53CB/017 - Saw at 1.1m (had been 0.5 x 1.0m) - seems
to have found the S. side of CASILE, though it is
sliding down slope into the gulch. Some
slag, lime, and stone are coming out of
the excavation here than we have been
finding up to this point. The wall seems
pretty shallow, possibly associated with a
part of the 372 period of metal working?

July 53CC - still finding almost no artifact
lots of rubble most in fallen state but a
few look flat-laid. falling rocks that
look fallen out and going around to see
what's in there and if the A is a construction.
The stone go down to considerable depths but
so far no pattern has emerged. Note the
lime near the edge of the S. side seen in several

July 53CA Clearing off the Plumed river - wall by
and put through the area between Plumed on the N and
several stone on the S that look flat-topped. The 2 flat-
land rocks could be part of the line seen in section
ca. 1.4m S of July 53 AB/AD's road.

A large bivalve tooth came out at the base of
53CA/013 at 0.4m by 5. atop a flat-land rock. 0.1m S of
the E43' NW corner, up against the W excavation wall
(in E44).

The stone / Plumed floor are set in a hard
reddish-brown soil, different from the soft brown soil
that lies to the S. Could Plumed have been burnt?
Very few artefacts coming out.



excavated as 53CA/014

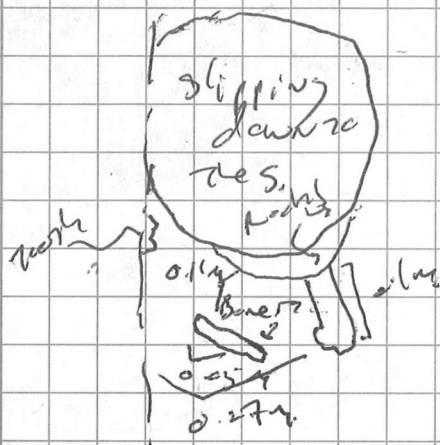
53CB/017 - Shallow pit 1m (had been 0.5 x 1.0m) - seems
to have found the S. side of CASTLE, though it is
sliding - down slope into the gulch. Stone
slabs, two, and stone are coming out of
the excavation here than we have been
finding up to this point. The wall seems
pretty shallow - possibly associated with a
part of the 372 period of metal working?

July 53CC - still finding almost no artefacts
lots of rubble - most in fallen state but a
few look flat-topped - falling rocks that
look fallen out and piling around to see
what is in there and if the A is a construction.
The stone go down to considerable depths but
so far no pattern has emerged. Note the
path near of the ditch & S side seen to generally

53ccc (cont)

have their typ broken off -- almost all of them
 that I see are like this

53CB/017 - several pieces of bone are coming out in
 this lot - at least 1 of which is wedged under several
 stones that look to be like they are sliding down
 to the S. This bone seems to be a leg bone
 with the epiphysis projecting out to the SE



all are within the upper ~~0.25m~~ 0.25m
 of the soil, below modern ground
 surface.

all of the bones are from a large
 animal - 2 bones + 1 herbivore tooth.
 a piece of hair come out in this
 lot as well.

July 53 CD - A 181m pit dug on the E. edge of
 the channel 3.8m or W of July 53 CB which was
 finished at 2:20 pm. oriented $\pm 352^\circ$ of. I found clay and
 a glazed sherd in the lot 0.2m

July 53 CB Sinal Station

The trench is 5m long E-W. ($\pm 80^\circ$ orientation)
 by 1m wide. It was expanded 1x1m on the N + S. to
 follow Cassie to its conclusion.
Cassie.

They have originally been 0.55m wide E-W. by
 ca. 0.5m high at its maximum. It is almost exclusively
 of unmodified river rubble though the NE corner is
 defined by a big piece of limestone that is not forced
 to be small any. The trench expanded to the W to
 make a final narrow pit measuring 0.84m across -
 1.1m at the W. side that is not yet preserved.
 The flat floor to the S. of the preserved against
 of the wall is 2.2m long and oriented ca. $\pm 323^\circ$ of
 Cassie out on a brown soil containing numerous nodules to

rocky
by

3.8m

oriented $\pm 357^\circ$ of ground sky and
a glazed sheet on the 1st floor

Hubcap 53CB Sand Motor

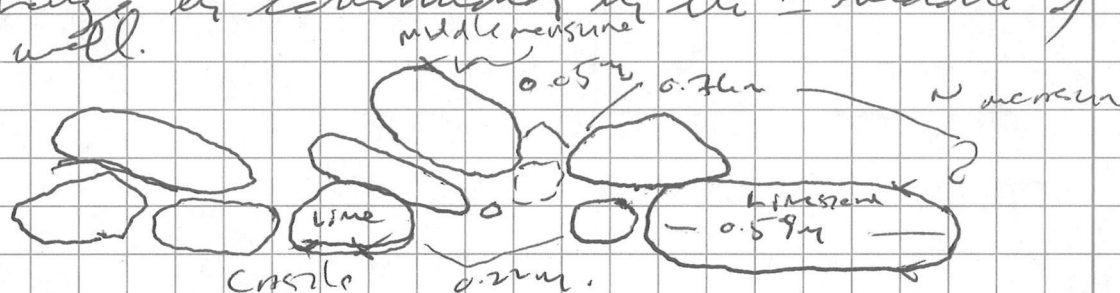
The trench is 5m long E-W ($\pm 80^\circ$ orientation)
by 1m wide. It was expanded 1x1m on the N + S. to
follow Castle to its conclusion.
Castle.

They have originally been 0.55m wide E-W. by
ca. 0.5m high. at its northern end almost exclusively
of unmodified river rubble though the NE corner is
defined by a large piece of limestone that is not forest.
The wall may have been expanded to the W. to
make a small corner that measures 0.84m across -
1.1m. that W. side that is so poorly preserved.
The flat floor to the peak of the preserved against
of the wall is 2.2m long and oriented $\pm 23^\circ$ of
Castle set on a brown soil containing numerous nodules to

well near - rounded rock. No clear
evidence in Cassle

In fact, the sandy w. end of Cassle is very
puzzled and it may be that this plant never
late. addition or just subject to localized
disturbance. It does appear that the wall may
expanded to the w. at some point in its
history.

The Cassle may also have been built in
2 segments N-S. This inference is based on
a change in construction in the + middle of
the wall.



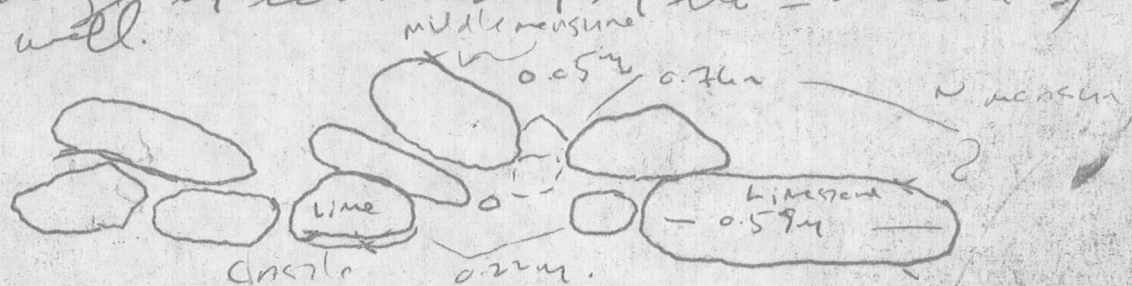
There is the N+S. seems to be falling into a
gap mostly composed of earth 0.76m S of the
w. end of Cassle, in view of the E-W. Could
be localized damage or the wall was added to with
N+S. This gap does not seem to continue all
the way through the + unit E-W.

Base on the N = 0.41m Middle - 0.49m S. = 0.44m
Top on the N = 0.24m " = 0.33m " = 0.27m

well preserved - rounded rock. No clear
evidence in Cassie

For most of the sandy w. side of Cassie is very
pitted and it may be that this plant was a
late. vegetation or just subject to localized
disturbance. It does appear that the wall was
expanded to the w. at some point in its
history.

Cassie may also have been built in
2 segments N-S. This inference is based on
a change in construction in the middle of
the wall.



There is the N+S. seems to be falling into a
gap mostly composed of earth 0.76m S. of the
w. end of Cassie, in line with the E-W. Could
be localized damage or the wall was added to in the
N-S. This gap does not seem to continue all
the way through the unit E-W.

Base on the N = 0.41m Middle = 0.49m S = 0.44m
Top on the N = 0.24m " = 0.31m " = 0.27m

6/10/13

I have been dry here for the last day or so (at least Sunday at least) though the soil is still fairly wet.

July 53CA - Still going down in EU 3+4 S. of plumed floor.

July 53CB - Foundies (at least for now).

July 53CC - Digging S. removing apparent tumble.

July 53CD - Continuing down in this test pit.

July 53CA - EU 3+4 - The 2 stores on the S edge of the trench are underlain by what looks to be a small-store floor equivalent in depth to plumed on the N. This floor may continue into the W. back wall where it seems to run continuously, with plumed to the S. On the E, however, there is no sign of the floor in the section nor were stones of the surface found in digging S of plumed in the trench. In the late there was a useful gap in plumed that we saw down on. Still going deeper in EU 3+4 in this gap. May want to have have given out at 53CA/645.

July 53CC - A ± clear wall is showing up in the face of excavation. There may have been at least 2 construction phases here - the earlier wall (?) and an upper, partly preserved floor. Continuing to clear. Very few artifacts - a couple of shards in the fill between the 2 layers.

July 53CD - Going down to 0.6m bss, into a soil change to what looks like a random matrix. Still some clay and a few pieces of what of Subappan cultural origin.

July 53CA - Soil changes about 1m bss to a light brown clay. A big stone is embedded within earth. Only 1 shed so far in the 0.8-1.2 bss level.

Subop 53CA - EU 3+4. The 2 stores on the S edge of the trench are underlain by what looks to be a small-store floor equivalent in depth to plumed on the N. This floor may continue into the W bank wall where it reaches to run continuously with plumed to the S. On the E, however, there is no sign of the floor in the section nor were stores of the surface found in digging S of plumed in the trench. Looks like there was a small gap in plumed that we came down on. Still going deeper in EU 3+4 in this gap. They seem to have gone over at 53CB/645.

Subop 53C a \pm clear wall is showing up in the face of excavation. There may have been at least 2 construction phases for the earlier wall (?) and an upper, nearly preserved floor. Containing a deer. Very few artifacts -- a couple of shards in the fill between the 2 layers.

Subop 53CD - Going down to 0.6m bgs, into a rock change to what looks like a random matrix. Still some clay and a few pieces of chert of subop cultural origin.

Subop 53CE. Soil changes about 1m bgs to a light brown clay. A big stone is embedded within earth. ~~Only~~ Only 1 shell so far in the 0.8-1m bgs. level.

Julop. 53CA at about 0.9 m down (bgs) in lot 53CA/p18 we're hit a hard-packed, possibly burnt patch of rock in the SW corner of the excavation associated with a large (tuff?) rock - only 1 sherd was found in 53CA/p18. Stopping here for the time being. Soil just light ~~tan~~^{brown} soil is embedded in the dark to dark gray-brown clay noted in EU 31+2.

Opening up EU 5, south and adjoining EU 6

Julop. 53CD - at the base of lot 53CD/p43 (0.6-0.655) a very large rock was shown up. Digging around it for the moment to continue going down. Some chert (maybe) and clay came out from 53CA/p43 and no sherds. I was out that the large rock was nearly one of many, the base of the pit is covered with them and only 1 piece of chert was found above them so we stopped.

Julop. 53CE - a 1x1 m pit dug 5.5 m of Julop. 53CB in an area of a light sherd concentration. Located on the W edge of the rubble.

July 53CA - at about 0.9m down (bgs) in lot 53CA/018 we're hit a hard-packed, possibly burnt patch of rock in the SW corner of the excavation associated with a large (tuff?) rock - only 1 shed was found in 53CA/018. Stopping here for the time being. The ~~light brown~~ light ^{tan} soil is embedded in the ~~dark~~ dark gray-brown clay noted in EU 31+2.

Opening up EU 5, south and adjoining EU 1.

July 53CD - at the base of lot 53CD/103 (0.6m bgs) a very large rock bar shown up. Digging around it for the moment to continue going down. Some chert (maybe) and clay came out from 53CD/103 and some shreds. I was out that the large rock was made up of many, the base of the pit is covered with with them and only 1 piece of chert was found above them so we stopped.

July 53CE - a 1x1m pit dug 5.5 mE of July 53CB in an area of a light shed concentration located on the edge of the rubble.

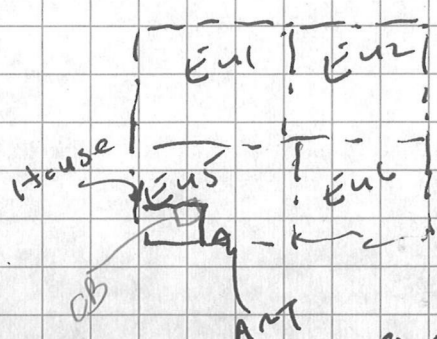
July 53CE - animal hole found in lot 53CE/002
 may well come out of an animal burrow in the SW
 corner of the pit. seems to have been scallered
 around the lot with no consistent patterning.
 Coming down on a rock level at ca 0.42m

July 53CA - Getting stuck in 53CA/025, some large
 stones don't look heavily so eroded / as I see
 I don't think they've migrated S. from the SE
 Mound. Probably close to the in situ as we believe the
 floor in this area - ex. Plumet, and getting north
 towards and hardly any sign of upper working,
 at least today.

July 53CL - Moving up to EU7, the north of EU to
 the S up on the A's summit. No clear walls so far
 but we are in what looks like stone fill for
 the A. (EU7 is the 5th 1x1m in the N-S line) The
 artifacts have come out for about a day
 so I've suspended defining lots in it. There is
 nothing to put in them; 2.) I'm not sure what
 the contexts are.

July 53CE - Start what may be a stone floor at 0.42m by S on
 53CE/003. Extending the excavation to the W. 1x1m = EU2.

July 53CA In EU5 found what looks like the
 corner to a structure - its NE corner marked by a
 limestone cut block. The down-facing side of the
 block is seen, oddly shaped - we'll have to
 turn it over at some point.



Any N.E. wall,
 House N.W. wall.
 looks to be about the
 right depth to be part of the
 structure revealed in July. As 53AB/00
 on the N. edge but there is no
 visible white tuff floor.

we still have to be sure - that we
 have the lower part of ANT and House east right near the
 walls are about 0.12-0.15 m high - foundation for a surface-level structure

July 53CE - Animal bone found in lot 53CE/002
may well come out of an animal burrow in the SW
corner of the pit. Seems to have been scattered
around the lot with no consistent patterning.
Coming down on a rock level at ca 0.6m by 5

July 53CA - Getting stuck in 53CA/025, some large
slag don't look heavily so eroded, so I don't
think they're migrated from the SE
Group. Probably close to or under the floor
in this area - ex. floor, and getting north
cheese and hardly any sign of copper working,
at least today.

July 53CE - Moving up to EU7, the pit at the top
the 5 up in the A's mound. No clear wall yet for
but we are in what looks like stone fill for
the A. (EU7 is the 5th 1x1 in the N-S line). The
artifacts have come out for about a day
so I've suspended digging late in the
morning to put in stone; 2) I'm not sure what
the context are.

July 53CE - Start what may be a stone floor at 0.42m by 8m
53CE/003. Extending the excavation to the W. 1x1 - EU2.

July 53CA - In EU5 found what looks like the
corner to a structure, the NE corner marked by a
limestone cut block. 3rd clear facing side of the
block is seen, oddly shaped - we'll have to
turn it over at some point.

Diagram showing layout of excavations and structures:

ANT - E wall
House - N wall
Looks to be about the
right depth to be part of the
the revealed in July. A 53AB/100
on its edge, but there's no
white tuff floor
we still have to be sure - that we
have the base of ANT and House but right now the
wall is about 0.40-0.45m high - but there's no evidence for a wall here.

* - look for insect sherd and Furnace pipe.
53CA/26 - 0.4-0.5m bgs. E of the possible wall line seen N. of E45

the lot measure 1m N-S by 0.24m E-W. sherd, Furnace, chert
53CE/444 - 0-0.2m bgs in 1m extension of the pit to the W (E42)
53CA/27 0-0.2m bgs E47 following Plumed N. sherd, chert
53CA/028 0.2-0.3m bgs E47 sherd, chert.
53CE/005 - 0.2-0.35m bgs, E42 - sherd, chert, slag. flipping
above putative stone floor.

53CA/029 0.35-0.4m bgs E47, coming down on Plumed floor
N. of 1st exposure of it, screened - metal sieves. Trouble with
screening because the soil is so wet. sherd, obsidian, jet (C1)

53CE/006 - 0.25-0.45m bgs to rock level - E42 sherd, chert, bj
53CE/007 - 0-0.2m bgs E43 sherd, chert, bj, slag.
53CA/030 0-0.2m bgs in E48, immediately N of E47. sherd, chert
53CE/009 - 0-0.1m bgs, E49 on summit, down to stone floor
at bj, slag?

53CE/008 - 0.2-0.3m bgs E43, sherd, bj, slag
53CA/031 0.2-0.3m bgs E48 sherds (many), chert, metal
1 rabbit canal rim

53CA/032 - 0.3-0.4m bgs E48 level of Plumed floor.
sherd, obsidian, chert
pyritic fragment. Down to level of Plumed floor.

53CE/049 - 0.3-0.4m bgs E43 level of possible floor (empty)
53CA/033 - 0-0.2m bgs in E49, immediately S of E45
following A27 wall S towards the debris pile. plumed
53CE/010 - E44 next 1x1m hole west (of E43),
0-0.2m bgs sherd, bj, slag, very little.

53CA/034 0.2-0.4m bgs E49, coming down looking
for A27 wall. Furnace (many) sherd (be), carbon, slag.
53CE/011 0.2-0.3m bgs - E44 on the west sherd, slag - very little

53CA/035 - 0.4-0.5m bgs in E49, tracing A27 S.
Empty 53CE/012 0.3-0.4m bgs E44 on the west. Down to stone level.
53CA/036 53CA/0.5 - 0.7m bgs 0.24m E of A27 wall in E45, looking

for the base of A27 sherd, bj, chert.
53CE/013 - 0-0.2m bgs in E45 - 1x1m pit added to the
E. end of the original trench. sherd, furnace (?), slag, chert

53CE
E45 E43 E42 E41 E40 E39 E38 E37 E36 E35 E34 E33 E32 E31 E30 E29 E28 E27 E26 E25 E24 E23 E22 E21 E20 E19 E18 E17 E16 E15 E14 E13 E12 E11 E10 E9 E8 E7 E6 E5 E4 E3 E2 E1
E45 E43 E42 E41 E40 E39 E38 E37 E36 E35 E34 E33 E32 E31 E30 E29 E28 E27 E26 E25 E24 E23 E22 E21 E20 E19 E18 E17 E16 E15 E14 E13 E12 E11 E10 E9 E8 E7 E6 E5 E4 E3 E2 E1

53CA/037 - 0.5-0.7m bgs in area measuring 0.36m N-S x 0.47m E-W
in E45, looking for the base of House's N. face sherd, chert
53CA/038 - 0.5-0.6m bgs E49 S. of A27's apparent S. end. sherd, slag
53CA/039 - 0.6-0.7m bgs E49, S. of A27's S. end.

* - look for fossil shell and Fossils place
 53CA/26 - 0.4-0.5m bgs. E of the possible wall line seen in EU5

the lot measure 1m N-S by 0.24m E-W. Shells, Fossils, chert
 53CE/494 - 0-0.2m bgs in 1x1m extension of the pit to the W (EU2)

53CA/27 0-0.2m bgs EU7, following planked N.

53CA/028 0.2-0.435m bgs EU7 Shells chert Shells, chert

53CE/005 - 0.2-0.35m bgs, EU2 - Shells, chert, slag, flapping
 above putative stone floor.

53CA/029 0.35-0.4m bgs EU7, coming down on Planked floor.

N. of 1st exposure of it, screened - metal sieve.

Screening because the soil is S-W.

Shells, obsidian, pottery

53CE/006 - 0.25-0.45m bgs to rock level - EU2 Shells chert, bj

53CE/007 - 0-0.2m bgs EU3 Shells, chert, bj, slag.

53CA/030 0-0.2m bgs in EU8, immediately N of EU7 Shells, chert

53CE/009 - 0-0.1m bgs, EU9 on Summit, down to level of EU8
 by, slag?

53CE/008 - 0.2-0.3m bgs, EU3, Shells, bj, slag

53CA/031 0.2-0.3m bgs, EU8 Shells (many), chert, obsidian
 1 rabbit canal rim.

- to level of planked floor.

53CA/032 - 0.3-0.4m bgs, EU8 Shells, chert, chert, obsidian

53CE/049 0.3-0.4m bgs, EU3, to level of planked floor. Shells, chert, obsidian

53CA/033 - 0-0.2m bgs in EU9, immediately S of EU8
 following ART wall & towards the debris pile.

53CE/010 - EU4 next 1x1m hole west (at EU3),
 0-0.2m bgs Shells, bj, slag, very little

53CA/034 0.2-0.4m bgs EU9 - coming down looking
 for ART wall. Fossils (many) Shells (few), chert, slag

53CE/011 0.2-0.3m bgs - EU4 on the west Shells, slag, very little

53CA/035 - 0.4-0.5m bgs in EU9, tracing ART S.

53CE/012 0.3-0.4m bgs EU4 on the west. down to stone level

53CA/036 53CA/05 - 0.7m bgs 0.24m E of ART wall in EU5, looking
 for the base of ART Shells, bj, chert.

53CE/013 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/014 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/015 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/016 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/017 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/018 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/019 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/020 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

53CE/021 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

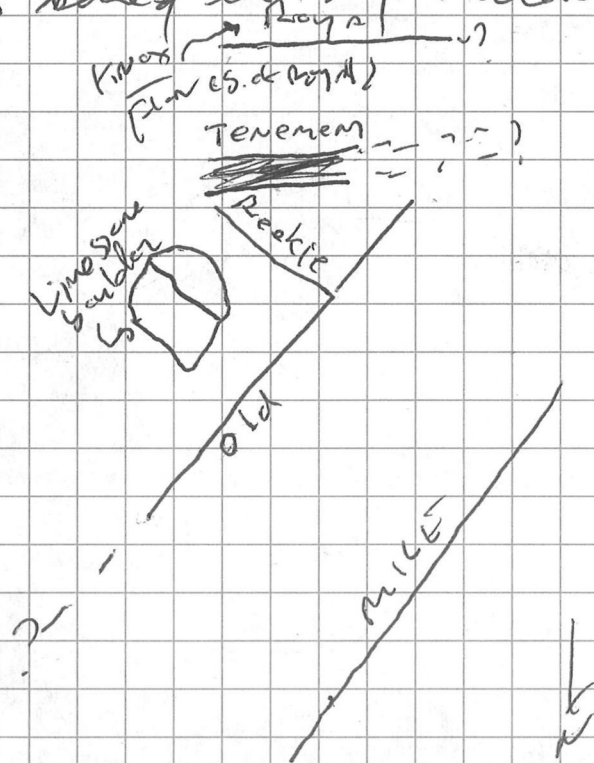
53CE/022 - 0-0.2m bgs in EU5 - 1x1m pit added to the
 E end of the original trench. Shells, Fossils (?), slag, chert

6/11/2013

p1-13-30

Some rain last night in the form of thunderstorms but not too much in fact as I know - pit hole undamaged.

Lilap 53 cc are've cleared out a good deal of the latter stones and dirt in EU1-6 and I think we can see evidence of at least 2 periods of recent construction. The earliest consists of old and Reekie. Old is a line of medium-size cobbles (stone high + thick 0.14m x 0.24m, respectively), including a piece of limestone that runs for at least 1.4m NE/SW (34°) at 0.88m SW of its possible NE end. Old seems to cover with RE/EK, creating a line that extends 0.77m (including the stone in old) to the SE. Some effort was devoted to placing the naturally flatter aspects of these rocks so they faced outward but some of the stones don't have flat faces.



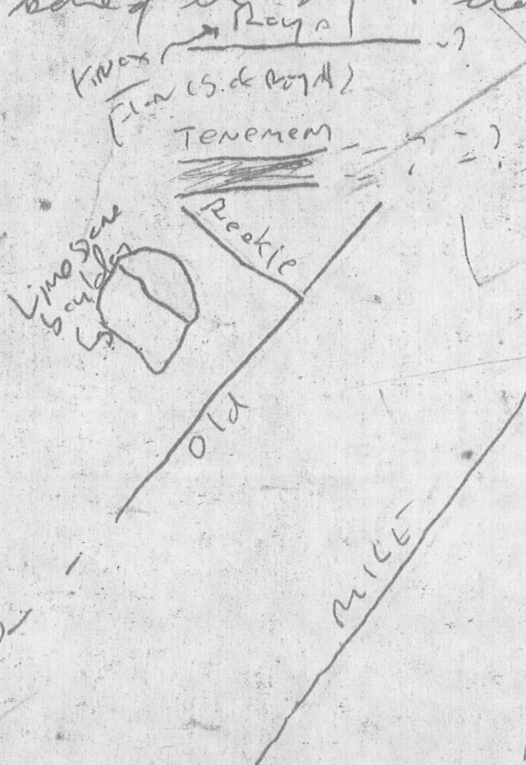
Old may continue in addition of 0.74m to the NE where it reaches the E hand wall of EU1 0.27m. SE of EU1 is NE cover. Old SE line isn't continuous but there is a small stone in place here and it could be part of old. NE - Old's corner

6/11/2013

p1-13-30

have river least night in the form of thunderstorm
but not too much in for an I know - path looks
undamaged.

Along 5300 we've cleared out a good deal of
of the father stones and dirt in EU1-6 and I think
we can see evidence of at least 2 periods / recent
affix construction. The earliest consists of old and
Reekie. Old is a line of medium-size cobble, 1 stone
high + thick (0.14m + 0.24m, respectively), including a
piece of limestone that runs for at least 1.4m
NW/SE (34°) at 0.88m SW of its possible NE end.
Old seems to cover with REEKIE, creating a line
that extends 0.77m (including the stone in old) to
the SE. Some effort was devoted to placing the naturally
flatter aspect of these rocks so they face outward
but some of the stones don't have flat faces.



Old may continue an additional 0.74m to the NE
where it reaches the E hand wall of EU1 0.77m
SE of EU1 2 NE corner. Old SE line isn't
continuous but there is a single stone in place
here and it could be part of old. REEKIE - old's corner

July 53C (cont).

with Reekie is marked by that limestone cobbles
go to SW of said cobbles and junction with REEKIE
construction changes to smaller rocks the NE-most of
which (the one adjoining the old/REEKIE junction)
was tilted down to the SE - possibly this slab
originally stood on end. Only 2 stars of old have
been encountered SW of the old/REEKIE junction
at which point the line disappears in excavation
at the NE corner of E46.

REEKIE is rubble in only 2 cobbles heading
SW for 0.79m, the cobbles are medium size and
are 1 stone high (0.28m) + thick (0.31m).
lying NW of old is a dense concentration of
cobbles on which old sits. Shaly zone of the rock
are tilted west some flat - level. Could be full
with w.d.

July 53CE - Opened up E43 adjacent to E42,
the road is now 3m long E-W

July 53CF - Opened up E48 the north E4 to the
N of E47 coming down to the level of Plumed
floor - Plumed steps in E47, or so it seems.

July 53CG - No artifacts were clearly associated
with old + REEKIE, but no artifacts to speak of
have been found in July 53C to date.

The next phase consists of Tenement, Royal, and mile
mile is a line of small to medium cobbles that
run across E46, 5, 1 SW/NE, roughly parallel to
old but sitting on 0.22m of dirt above the
cobbles "fill" lying NW of old - mile is also well
above old. mile is one stone high (0.13m) but
for 2 stones wide (0.27m) and is aligned 64° and runs
for 0.12m before leaving excavation, or at a 0.82m
W of E46's NE corner. At my stop 0.2m
high of a point 0.23m S of E46 in NW corner. mile
is basically built up in just recently broken
either mile by full - it may well have been
a foundation for a possible surface level cobbles

July 530 (cont.)

with Reekie is marked by that fracture cobbles
90° SW of sand cobbles on surface with REEKIE
construction changes to smaller rocks the NE-most of
which (the one adjoining the old/REEKIE junction)
was tilted down to the SE - possibly this slab
originally stood on end. Only 2 stones of old have
been encountered SW of the old/REEKIE junction
at which point the line disappears in excavation
at the NE corner of E46.

REEKIE is visible in only 2 cobbles heading
SW for ~~E79~~ the cobbles are medium size and
are 1 stone high (0.28m) + thick (0.31m)
lying NW of old is a dense concentration of
cobbles on which old sits. Shays some of the rocks
are tilted west some flat - don't think they will
show up.

July 530E - Opened up E43 adjacent to E42,
the head is now 3m long E-W.

July 530A - Opened up E48 the next E47 to the
N of E47 coming down to the level of Planel
floor - Planel steps up E47, or is it reverse.

July 530L - No artifacts were clearly associated
with old REEKIE, but no artifacts to speak of
have been found in July 530 to date.

The next phase consists of Tenement Royal, and mile
mile is a line of small to medium cobbles that
runs across E46, 5, 1 SW/NE, roughly parallel to
old but sitting on 0.22m of dirt above the
cobbles fill lying NW of old - mile is also well
above old. mile is one stone high (0.13m) but
for 2 stones wide (0.27m) and is aligned 64° and runs
for 1.2m before leaving excavation, or at a 0.82m
W of E46's NE corner. It may stop 0.2m
N of a point 0.23m S of E46's NW corner. mile
is curvilinear built up in not necessarily broken up
either side by fill - it may well have been
a foundation for a possible surface level edge.

Subop 5300 (cont.)

0.8m lying SE 1 mile are rare small cobbles, especially
cracks ^{0.8m} and mostly short.

Tenenem is a wall fragment made of mostly small
and a few medium-size stones (cobbles) that is 0.22m
high, 0.22m thick and not as short 0.13m above
PEEKIE. Tenenem runs 0.41m W from EU2's E wall
0.8m S of EU2's NE corner. The alignment of Tenenem
is roughly 260°. No clear sign of Tenenem's
continuation was found but it does not end
firmly as it stands.

fully 0.32m separates Tenenem from a large
(0.33m thick, 0.4m high) limestone
boulder that is cracked in its approximate
center (0.07m wide crack). The space between
the boulder and Tenenem is filled with small
cobbles not as short extending from the top of
Tenenem to the boulder - this looks like purposefully
laid fill. The boulder sits on two cobbles on the
N. side that extend to the top of Old wall. In
short, the limestone boulder looks to be in situ
and likely to be associated with Tenenem
part - daty Old + PEEKIE but its architectural
significance is unclear - there was no sign
of a line continuing from it to the W.

Some effort
to open
Tenenem's
E face
the v.

So are backing Tenenem to the S. or
filled with large cobbles, especially not visible in the
E trench wall behind Tenenem but not in the
W wall where core to which Tenenem does not
extend.

located 1.5m S of Tenenem's S face is a
possible line (Royal) made of small cobbles with
flat face backing N. Royal is 0.2m high, oriented
very approximately 260° and it extends 0.72m W of
EU3 - with wall 0.5m N of EU3's SE corner. It
does appear that Royal stops short of the W
excavation wall backing Royal to the S is a
rough surface of small rocks (Knox floor - because
it's hard) Knox continues S for 2.75m where we
encountered a change in the stones to redwax - no
cobbles. Shush no clear line is evident

blky 53cc (cont)

lying SE 1 mile are rare small cobbles especially 0.8m or so ^{0.8m} but mostly dirt.

Tenenem is a wall fragment made of mostly small and a few medium-size stones (cobbles) that is 0.2m high, 0.22m thick and is on dirt 0.12m above BEEKIE. Tenenem runs 0.4m W from EU2's E wall 0.4m S of EU2's NE corner. The alignment of Tenenem is roughly 260°. No clear sign of Tenenem's W continuation was found but it does not end formally in it stands.

Fully 0.32m separates Tenenem from a large (0.33m thick, N-S, by 0.4m high) limestone boulder that is cracked in its approximate center (0.07m wide crack). The space between the boulder and Tenenem is filled with small cobbles set in dirt extending from the top of Tenenem to the base - this later like purposefully laid fill. The boulder sits on two cobbles on the N side that extend to the top of Old wall. In short, the limestone boulder looks to be in situ and likely to be associated with Tenenem part. datary Old + BEEKIE but its architectural significance is unclear - there was no sign of a line continuing from it to the W.

Side area backing Tenenem to the S is filled with large cobbles especially on rubble in the E trench wall behind Tenenem but not in the W wall where core to which Tenenem does not extend.

located 1.5m S of Tenenem's S face is a possible line (Royal) made of small cobbles with flat face backing W. Royal is 0.2m high, oriented very approximately 260° and it extends 0.72m W of EU3 - wall wall 0.5m N of EU3's SE corner. It does appear that Royal stops short of the W excavator's wall. Backing Royal to the S is a rough surface of small rocks (Knox floor - because of 2 hand.) Knox continues S for 2.75m where we encountered a change in the stone to red - no cobbles. Chert is also clear line is evident.

Some effort
to open
Tenenem's
E/W faces
the W.

Julop 53C1 - New 9m long N-S. with the addition of BU 11 (1x1m) off the S. edge down into the quadrangle. Plan to add BU 12 further out into the quadrangle before pushing N. into the str. to try and see if it has a preserved S. wall.

2.5m
1.5m
0.10m

Julop 53CA



BU 9

Sec. conc. 86°
Ang. 70°

Not in line with corner
0.75m long N-S wall
0.12m high, House is 0.53m

The corner is formed by a regular limestone for shaped block, possibly with an internal bulge on the N. face. One stone high + wide than the other.

Ang runs into the head wall 0.21m W of BU 5'S SE corner. House after the trench 0.3m S of BU 5'S 2nd head corner.

Note that stone 'A' in the trench is probably full for House.

Ang and House are generally made of medium-sized rubble without clear flat faces. The exception is the corner stone which covers on its top 0.45 x 0.15m and is very flat on its E. side.

Julop 53CA - Carbon sample in 53CA/034 cement dispersed and mixed in with the furnace fragments, ca. 0.4m high, against the S. wall of BU 9, 0.4m W of BU 9'S SE corner.

Julop 53CB - timber, demolition in gravel have dug up off as we have moved W. out of the original site.

bulap 5301 - New Gulong w-s. with the
addition of EU 11 (1x1m) off the S. edge down
into the gulch. Plan to add EU 12 further
out into the gulch before pushing w. into the
str. to try and see if it has a preserved S. wall

2m
off
color

bulap 53CA

EU 6

EU 5

EU 9

House

House

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House

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House

3. The corner is formed by a sizable limestone floor sloped
black, possibly with an intentional bulge or str. in place.
One stone high + wide than floor.

Arm runs into the trench wall c. 2.1m w of EU 5 SE
corner. House edge the trench c. 3m S of EU 5 2m

Note that stone 'A' in the trench is probably
fall from House.

Arm and House are generally made of
medium - size rubble without clear flat faces.
3. All exception is the corner stone which covers
on str. top 0.45 x 0.15m and is very flat on its
E side.

bulap 53CA - Earthen sample in 53CA/034
recovered dispersed and mixed in with the furnace
fragments, ca. 0.4m high, against the S. wall of
EU 9, 0.4m w of EU 9's SE corner.

bulap 53CB - tented structure in gravel have dug
off as we have moved w. out of the original 1x1m pit.

Excav. 53CA - lot 53CA/035 - found more corner
here and a tooth at 0.4m bgs in BU5 0.3m N of BU5's
hand wall and 0.44m W of its E wall. Below the
large concentration of furnace pieces but mixed in with
shards and some furnace fragments (small). Teeth
to be part of the general debris here - still above AR7

AR7 stops at 0.45m S of its corner (including stone).
faced the limestone block that defines that corner. I'd
think like AR7 and House may not define the foundations
of a structure but could be a construction that is open to
the S. Clearing along AR7's E-side to find its base.

Excav. 53CE Now 5m long E-W, this excavation has
revealed a densely packed layer of small to medium-size
cobbles at $\pm 0.3-0.4$ m bgs (it runs to the W.) a bit
into this level apart from the stone found in the
base of Excav. 52CB is that they are the Excav. 52CB
level in flat. And the stone are a fairly
consistent size. For the sake of reference I'll give
the level a name (H+M) and tentatively treat it as
a floor. There is a drop in stone density at
H+M 1.87m E of the W. hand wall (W. side of BU4),
other relatively stone-lm area measuring 0.89m across
0.3m E-W (it runs for the full 1m width of the excavation).
An or very few to no artifacts were recovered
within 0.1m of H+M, which is interesting, though
cultural material is fairly common in the upper 0.2-0.3m
Artifacts are especially common in 0.2-0.3m bgs in BU1 and
it seems BU5 is immediately to the E, and drops off
consistently to the W.

Excav. 53CA has some stone lying N of House near to
the tumble falling below the base of that wall. There is
an odd, soft red-orange rock in the base of excavation
N of House that looks like a furnace fragment.

ART to the W wall of BU5 is 0.63m from AR7's
extension (E) face. The area under AR7 + House, and
limited by BU5's W. wall, is 0.47m E-W by 0.77m
N-S. There are two medium-size stones in this area, 0.24m
W of AR7's W. face. They make a line 0.35m long N-S.
0.11m (stone) near - this line is at the S. end of AR7.

Julap. 53CA - lot 53CA/035 - found more covered
here and a tooth at 0.4m bgs in EU9 0.3m N of EU9/2 S.
found well and 0.46m W of the E wall. Below the
large concentration of furnace pieces but mixed in with
shards and some furnace fragments (small). Teeth
to be part of the general debris here - still above ART.
ART stops at 0.95m S of the corner (including the
face of the limestone block that defines that corner).
Teeth like ART and House may not define the foundations
of a structure but could be a construction that is open to
the S. Clearing along ART's E-side to find the base.

Julap. 53CE Now 5m long E-W, this excavation has
revealed a densely packed layer of small to medium size
cobbles at $\pm 0.3-0.4$ m bgs (it runs to the W.) which
is the level spent for the stone found in the
base of Julap. 53CD is that they are the Julap. 53CE
level or flat land and the stone are a fairly
consistent size. For a sake of reference I'll give
the level a name (H+M) and tentatively treat it as
a floor. There is a drop in stone density in
1.87m E of the W. trench wall (W. side of Julap. 53CE)
this relatively stone-free area measuring 0.89m across
0.3 x 0.8 E-W (it runs for the full 1m width of the excavation).
An or very few to no artifacts were recovered
within a 1m of H+M, which is relevant, though
cultural material is fairly common in the upper 0.2-0.3m
artifacts are especially common in 0.2-0.3m bgs in EU1 and
it seems, EU5 & immediately to the E, and drop off
consistently to the W.

Julap. 53CA has some stone lying N of House near to
the tumble falling below the base of that wall. There is
an odd, soft red-orange rock in the base of excavation
N of House that looks like a furnace fragment.

ART to the W wall of EU5 in 0.3m for ART
extension (E) face 1, the area under ART + House is
limited by EU5/2 W wall is 0.47m E-W by 0.77m
W-S. There are two medium size stone in this area, 0.24m
W of ART's W face. They make a line 0.35m long N-S by
0.14m (stone were there but not at the S end of ART)

53 ~~CE~~ / 914, a-2 0.2-0.3 m bgs in EU 5. Shells, bj, slag, bj.

53 CA/944 - 0.3-0.4 m bgs within Area/House, 0.3 m E of EU 5 in west well at 0.85 m N-S. handle back (S) side of House to the S. end of Area, all in EU 5 + EU 9.

53 CE/915 0.3-0.4 m bgs, in EU 5, shale (glazed wavy), chert, ^{slag} ^{shells} ^{bone}
 53 CA/941 ~~0.4-0.5 m bgs~~ in same area as 53 CA/940 ^{shells}
 53 CE/916 0.4-0.5 m bgs, EU 5 1 bone

Expanded to include the entire area in Area/House

53 CE/917 0.5-0.7 m bgs EU 5, cutting through H+M stones (include lots 53 CA/940 + 53 CA/941) (dubious chert).

more in Entailed in Plumed

53 CA/942 Cutting through Anton Plumed Placed in Area 0.7 m in EU 3 0.35-0.45 m bgs. Shells, chert.

53 CA/943 - Digging below Plumed in EU 3 (in Area defined for 53 CA/942) 0.45-0.55 m bgs shells, bj, obsidian, chert.

53 CA/944 - 0.55-0.65 m bgs few shells EU 3

53 CF/941 0-0.2 m bgs in this 1x1 m pit - shells, slag, chert?

53 CC/941 0-0.15 m bgs in this 1x1 m pit, Empty

53 CA/945 - 0.65-0.75 m bgs in area of (53 CA/942), EU 3, few shells, few bj.

53 CC/942 - 0-0.15 m bgs, in EU 2, 1x1 m pit immediately N of 1x1 m (EU 1). bj, slag - very little.

53 CA/946 - 0-0.15 m bgs in EU 10, S of EU 4, in the furnace chert, shells, fineware

53 CA/947 - 0.2-0.35 m bgs EU 10, S of EU 4, sturdy fineware

53 CC/943 - 0-0.2 m bgs, EU 3 (immediately N of EU 2).

53 CA/948 - 0.35-0.4 m bgs in EU 10.

53 CC/944 - in EU 8, in stone fill, 1 ^{several stones with copper in them?} dubious piece of chert.

53 CC 53 CA/941 - in EU 10 in stone fill, 2 dubious chert pieces

53 CA/949 0.4-0.5 m bgs in 1 m (E-W) x 1 m (N-S) in EU 9.

53 CA/950 - 0-0.2 m bgs in EU 11, immediately W. of EU 10, ^{shells, fineware} chert.

53 CC/944 - 0-0.2 m bgs in EU 4 (immediately N of EU 3).

53 CA/951 - 0.2-0.35 m bgs in EU 11, W of Carter wall.

53 CC/942 EU 9, in stone fill, 3 dubious chert pieces

53 CC/943 - EU 10, in fill, odd looking rocks - slag.

53 CA/952 - 0-0.2 m bgs in EU 12, immediately W of EU 11.

53 CF/942 - 0.2-0.4 m bgs in 1x1 m unit - slag - much less than seen in 53 CF/941.

53 CA/953 0.2-0.4 m bgs in EU 12 clearing Hill, well starting

53 CC/945 0.2-0.3 m bgs in area with no wall standing, EU 4, Amp?

53 CC/946 in fill in EU 11 - slag?

53 ^{CE} ~~CA~~ / 014, ~~0.2~~ 0.2-0.3 m bgs in EU 5. Shells, bj, slag, bj.

53 CA / 044 - 0.3-0.4 m bgs within Ant/House, 0.3 m E of EU 5 in well and 0.85 m N-S. from the back (S) side of House to the S end of Ant, all in EU 5 + EU 9.

Expanded to include the entire area in Ant/House
53 CE / 015 0.3-0.4 m bgs in EU 5, shells (glazed ware), chert, ^{slag} ^{shells}
53 CA / 041 ~~0.4-0.5 m bgs~~ in same area as 53 CA / 040. ^{shells}
53 CE / 016 0.4-0.5 m bgs, EU 5, 1 bone

53 CE / 017 0.5-0.7 m bgs EU 5, cutting through H+my stones
(include lots 53 CA / 040 + 53 CA / 041.) (dubious chert)

53 CA / 042 Cutting through Antena Plumed Floor in area 0.7 x 1 m in EU 3
0.35-0.45 m bgs. Shells, chert.

53 CA / 043 - Digging below Plumed in EU 3 (in area defined for 53 CA / 042), 0.45-0.55 m bgs shells, bj, obsidian, chert

53 CA / 044 - 0.55-0.65 m bgs few shells EU 3

53 CF / 041 0-0.2 m bgs in this 1 x 1 m pit - shells, slag, chert?

53 CE / 041 0-0.15 m bgs in this 1 x 1 m pit - EU 3

53 CA / 045 - 0.65-0.75 m bgs in area of (53 CA / 042), EU 3, few shells, few bj.

53 CA / 046 - 0-0.15 m bgs, in EU 2, 1 x 1 m pit immediately N of the 1 x 1 m (EU 1). bj, slag, very little.

53 CA / 046 - 0-0.15 m bgs in EU 10, S. of EU 4, in the furnace chimney. Shells, furnace

53 CA / 047 - 0.2-0.35 m bgs EU 10, S. of EU 4, shells, furnace

53 CE / 043 - 0-0.2 m bgs, EU 3 (immediately N of EU 2).

53 CA / 048 - 0.35-0.4 m bgs in EU 10

53 CE / 010 in EU 8, in stone fill, 1 ^{small (stone) with} ^{suppermentary?} dubious piece of chert

53 CE 53 CE / 011 in EU 10, in stone fill, 2 dubious chert pieces

53 CA / 049 0.4-0.5 m bgs in 1 m (E-W) x 1 m (N-S) in EU 10.

53 CA / 050 - 0-0.2 m bgs in EU 11 immediately W of EU 10. ^{shells, furnace} ^{chert}

53 CA / 051 - 0.2 m bgs in EU 4 (immediately N of EU 3).

53 CA / 051 - 0.2-0.35 m bgs in EU 11, W of Carbon well.

53 CE / 012 EU 9, in stone fill, 3 dubious chert pieces

53 CE / 013 - EU 10, in fill, odd looking rocks - slag.

53 CA / 052 - 0-0.2 m bgs in EU 13, immediately W of EU 11.

53 CF / 042 - 0.2-0.4 m bgs in 1 x 1 m unit - slag - much less than seen in 53 CF / 041.

53 CA / 053 0.2-0.4 m bgs in EU 12 clearing Hill wall standing

53 CE / 005 0.2-0.3 m bgs in area with no wall standing, EU 4, Ant/House

53 CE / 014 in fill in EU 11 - slag?

Julop 53CC - Start a well (Holly reel 1) 2.08m
N of the S. end of the bench. One of the stones in
Holly reel is a very roughly shaped limestone block.
Cresting Holly reel is a jumble of cobbles in sand -
looks like fill. Don't know how far down Holly reel
goes but it looks real. A well goes out what we
recon. like the top of Holly reel & to see if we
can find the next step-up to the summit.
Holly reel is in EU 10, within 0.1m of EU 10's S. end.

Julop. 53CA - 3m out shot on of the "rock"
in the House/ANT unit is a big piece of furnace.
Digging down in 53CA/41 to see if we can find
out how about what may have been going on in
53CA/ANT/House

6/12/13

Julop 53CF - 1x1m pit on the N. edge of the rubble
W. of Julop 53CD. - 2 new signs on the pit pretty yellow

Julop 53CA - Cutting through plumed floor where it's
the most continuous (in EU 3) to try and find real
material. In 53CA/42 some of material embedded in
floor stones.

Julop 53CF - Cut through stone level (H+M) in
EU 5 and hit a dense level of small to medium - size
stones in sand. H+M looks natural. - Clearing the bench

Julop 53CA - 3 or 4 number of small sheets embedded
in plumed (+ directly beneath it) - 53CA/42. Digging
below plumed now looking for real material (datable too).

Julop 53CC - Holly reel well on the S. end of the
bench is quite substantial. Cutting in to the N. at its
preserved top to see if we can find the next facing
heaving up to the summit.

It rained heavily last night for about 1/2 an hour,
so far as I could tell, and the pits are all full
in shallow pool of water wherever we encountered clay.

Julop 53CC - Start a well (Holly and Holly root) 2.08 m
N of the S. end of the trench. One of the stones in
Holly root is a very roughly shaped limestone block.
Cresting Holly root is a pile of cobbles in sand -
look like fill. Don't know how far down Holly root
goes but it looks real. Well goes out what seems
like the top of Holly root N. to see if we
can find the next step up to the summit.
Holly root is in EU 10, within 0.1 m of EU 10.2 S. side.

Julop 53CA - 3 m out start on of the rocks
in the House/ART unit is a big piece of brown
Dugger down in 53CA/441 to see if we can find
out how about what may have been going on in
53CA/ART/House

6/12/13

Julop 53CF - 1x1 m pit on the N. edge of the trench
W of Julop 53CD. - 2 new steps on the pit (partly filled)

Julop 53CA - Cutting through Plumed floor where it
the next continuous (in EU 43) to try and find real
material. For 53CA/442 consists of material embedded in
floor stones.

Julop 53CE - Cut through stone level (H+M) in
EU 45 and hit a dense level of small to medium size
stones in sand. H+M looks intact. Clearing the trench.

Julop 53CA - 3 m number of smallish black embedded
in Plumed (H+M directly beneath it) - 53CA/442. Dugger
below Plumed now looking for real material (datable too).

Julop 53CC - Holly root well on the S. end of the
trench is quite substantial. Cutting in to the N. at its
preserved top to see if we can find the next facing
leading up to the summit.

(Rained heavily last night for about 1/2 an hour
or less as I could tell. and the pits are all full
in shallow pool of water wherever we encountered clay)

6/12/13

July 53CA - Ground cleaning with A22/House
and the construction is fairly clear. The large limestone
block that defines the NE corner is the largest
single stone in it. The rest is cobbles and 1' of
stone. Some effort was made to crest the
flat floor of the rock outward. Here, except
for the block, seem to have been level.
A27 turns out to be 0.9m long N-S. For the N-S face
the masonry block + House is 0.62m long E-W
until it disappears in the W. face of EU5. A27 is 0.32-0.42
wide, narrowing to the S. House is 0.35-0.49m wide,
widest on the E where it crosses the block and narrower
to the W. A27/House sit on a clay level. (I'm in the rest of)
and it did contain artifacts, including a furnace fragment.
No signs of floor burning.

July 53CB - 1x1m pit located on the N edge of
the 5m wall on the N edge of a stone concentration
that was found in a wall immediately W of the B.
located on E of July 53CE. Hit a rock
layer at 0.15m bgs, very uneven, medium size cobbles,
no artifacts above or associated with them. Then for
5m, N to 1x1m to see if we can encounter the
N edge, if it has one.

July 53CF a very dense concentration of slag
is coming out in the first 0.2m (53CP/cd) with some
shards.

July 53CA opened up EU10 immediately
leading back into the furnace dump. To see if we
could see any sign of House wall W of July 53AB/AD.
First 0.3m is full of furnace fragments.

July 53CG - Continued to find a stone layer with
at 0.15m bgs, pushing N with EU3 to try and find
the layer's limits.

6/12/13

July 53CA - Ground cleaning with A27/House
and the construction is fairly clean. The large limestone
block that defines the NE corner is the largest
single stone in it. The rest are cobbles and 1/4
stone. Some effort was made to crest the
flat floor of the room outward there, except
for the block, seems to have been forced.
A27 turns out to be 0.96m long N-S. For the N-S face
the masonry block + House is 0.62m long E-W
until it disappears in the W. face of EU5. A27 is 0.31m x 0.42m
wide, narrowing to the S. House is 0.35-0.49m wide
widest at the E where it crosses the block and narrows
to the W. A27/House is on a clay level. (I in the rectory)
and it did contain artifacts, including a furnace fragment.
No signs of floor burnings.

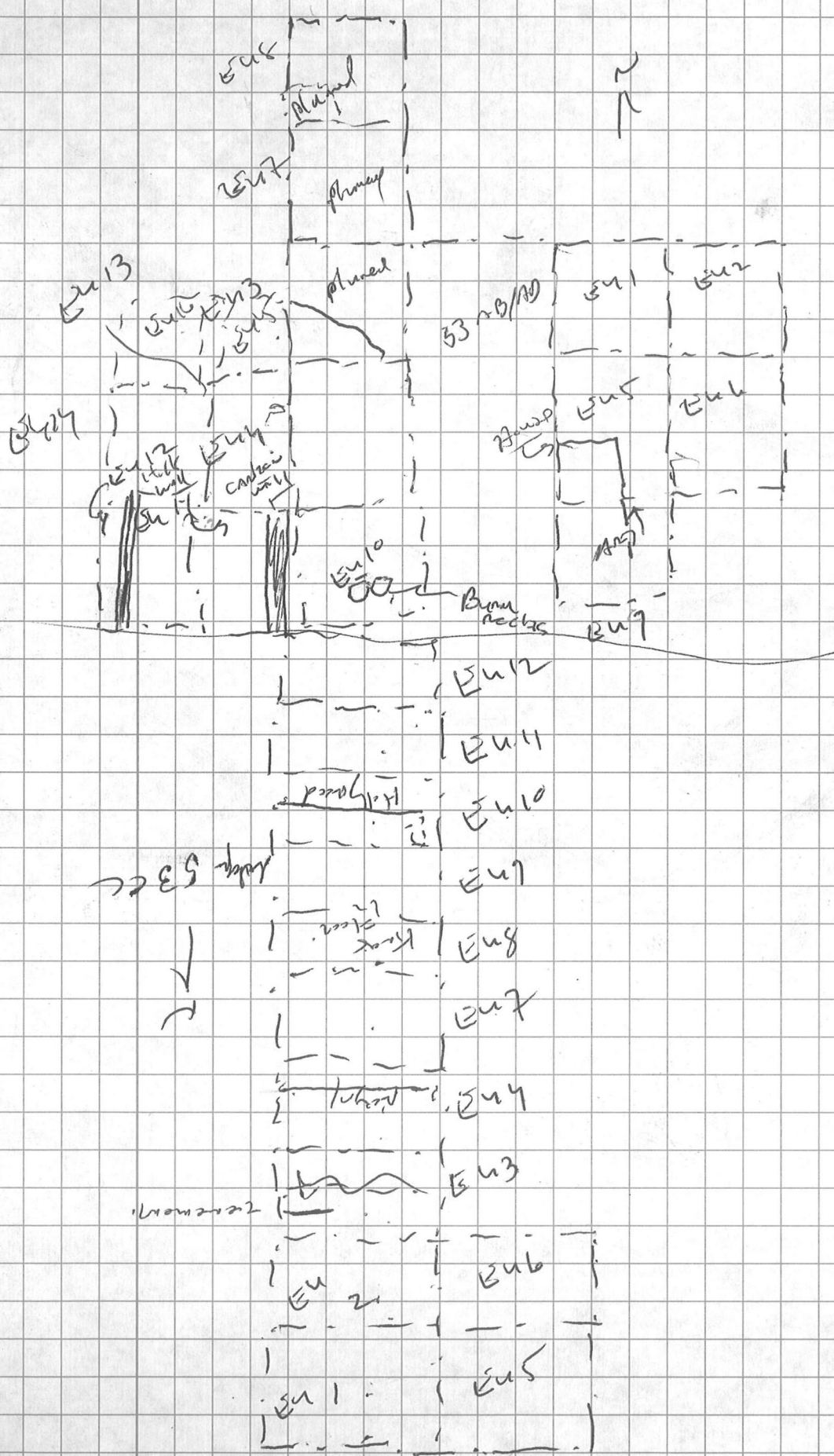
July 53CA - 1x1m pit located on the N edge of
the 5m wall, on the N edge of a stone concentration
that was mapped in a wall immediately W of the A.
located on E of July 53CE. Hit a rock
layer at 0.15m bgs, very uneven, medium size cobbles,
no artifacts above or associated with clay. Then for
shoring, N is a 1x1m to see if we can encounter the
N edge, if it has one.

July 53CF is a very dense concentration of clay
is coming out in the first 0.2m (53CF/ed) with some
shards.

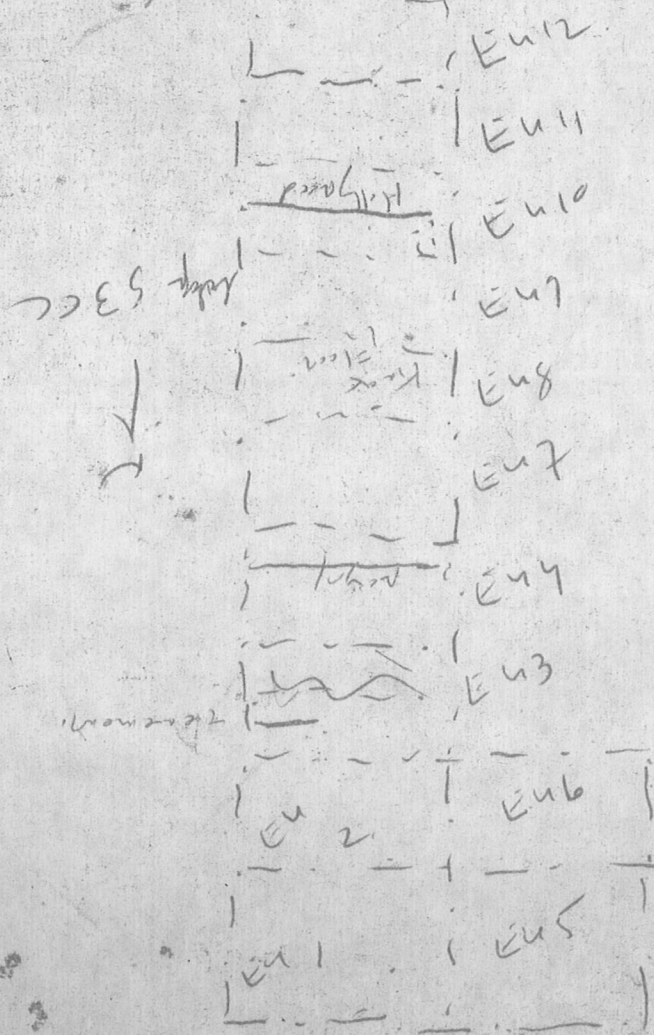
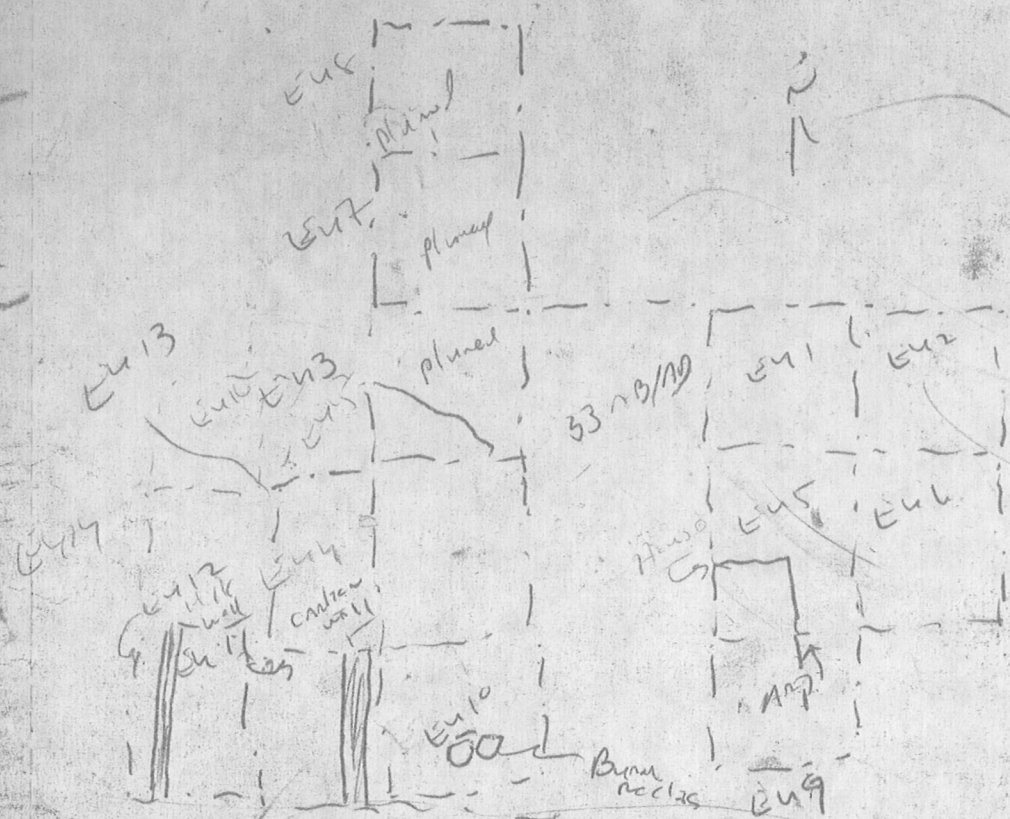
July 53CA opened up EU10 immediately
leading back into the furnace dump. To see if we
pick up any signs of House wall W of July 53AB/AD
First 0.2m is full of furnace fragments.

July 53CA - Continued to find a stone layer under at
0.15m bgs, pushing N with EU3 to try and find
the layer's limits.

Subop 53 CA



Subop 53 CA



Julop 53CA -- by E410 at ca. 0.5m by cave horizon, 2
 slabs that are highly friable and dark gray. - looks like
 they've been intensely burnt. They're clustered together
 with some other smaller rocks - could be rare kind of
 feature -- called Waverly. Occurring w. of Waverly in a 1x1m
 Eu⁴ Eu¹¹Q.

Julop 53CA - Digging in E43 revealed some rock and few
 artifacts. (Interestingly there's no clay here.) The rock are about
 0.2m by 0.2m and don't make a clear surface but they do show
 up as ground level or the S. face to medium size cobbles
 that there's what looks like a yellowish tuff stone,
 possibly roughly faced or the E. that is included
 could be accidental but I wonder if there is a shallow
 construction. Pushing to the N in Eu⁴ (1x1m) to see if we
 can get beyond the rocks to the N.

Depth BD

Donum ¹	Julop 53CA's NW corner (in section) - gs.	0.29m
	Julop 53CB's NW corner (in section) - gs.	0.08m
Donum ²	Julop 53CB's NW " (" ") - gs.	0.28m
	Julop 53CD's NW " (in section) - gs.	0.12m

Julop 53CA - In Eu¹¹ a wall line has shown up, the E
 margin of this 1x1m - you can see a continuation of it in the
 Eu⁴ section heading N. This line (construction) is within 0.1m of
 gs. and my corner at the SE corner of Eu¹¹, heading W.
 They're able to see the back (N) part of this wall in
 Eu¹⁰ N-face construction into wall above Waverly or dirt.
Waverly's at about the same level as the 2 limestone
 pieces included in the Eu⁴ section. The construction is built
 of small to medium-size cobbles, some effort having been
 made to erect them naturally flat for outward.

Donum ³	Julop 53CD's NW cor	gs	0.22m
	Julop 53CE NW cor	gs	0.16m
	Julop 53CF NW cor	gs	0.17m

Donum ⁴	Julop 53CF NW cor	gs	0.28m
	Subop 53CH " " "	"	0.21m

July 53CA - In EU10 at an c. 5m x 5m same across 2
slabs that are highly friable and dark gray - look like
they've been extremely burnt. They're clustered together
with more than smaller rocks - could be rare kind of
feature - called Waverly. Clearing w. of Waverly in 1x1m
EU11 & 12.

July 53CB - Digging in EU3 revealed more rock and few
artifacts. (interestingly there's no clay here). The rock are about
0.2m x 5m and don't make a clear surface but they do show
up as ground level or the s. side to medium size rubble
that there's what looks like a yellowish tuff stone
possibly roughly faced on the E, that is included
could be accidental but I wonder if this is a shallow
construction. Pushing to the N in EU4 (1x1m) to see if we
can get beyond the rocks to the N.

	Depth BD
Down 1 July 53CB's NW corner (in section) - gs.	0.24m
July 53CB's NW corner (in section) - gs.	0.08m
Down 2 July 53CB's NW " (" ") - gs.	0.28m
July 53CB's NW " (in section) - gs.	0.12m


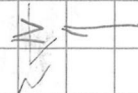
July 53CA - In EU11 a wall line has shown up, the
margin of this 1x1m - you can see a continuation of it in the
EU4 section heading N. This line (carbon) is within 0.1m of
gs. and my corner at the SE corner of EU11, hardly we
being able to see the road (N) part of this wall in
EU10's N-face carbon into wall along Waverly in dirt
Waverly's. at about the same level as the 2 limestone
pieces included in the EU4 section. ~~the~~ carbon is built
of small to medium-size cobbles some effort having been
made to orient them naturally flat faces outward.

Down 3 July 53CB's NW cor	gs	0.22m
July 53CB NW cor	gs	0.16m
July 53CB NW cor	gs	0.17m

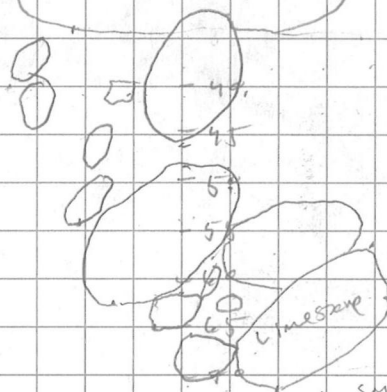
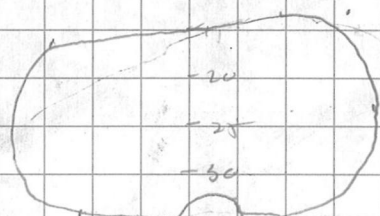
Down 4 July 53CB NW cor	gs	0.28m
July 53CB NW cor	gs	0.26m

Subcp 53CF

IK 41 42 25 34 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45

Scale 1  5cm

0.25-0.4m S.S.

small stones
game


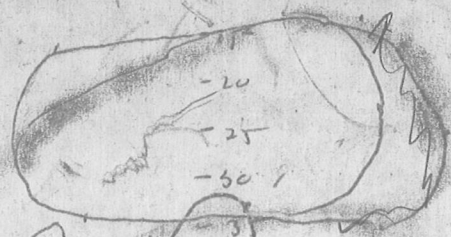
Looks like this is
just the upper part
of the underlying rock
layer.

Found an odd patterning of stones in 53CF/4/2.
No good artifact association and it may just be the
upper part of the underlying rock level that I drew it as
can't turn out to be cultured.

Subcp 53CA On BU 12, immediately W of BU 11, @ encountered
Hill well on the W (could see it on the surface) roughly
parallel, and at the same (+) depth as Carter on the U.
Hill, in this segment, is made of rock (caliche) set in sand.

Subop 53CF

41 42 35 30 25 20 15 10 5 -5 15 20 25 30 35 40 45 50
 5 10 15 20 25 30 35 40 45 50

Scale 1  5m

0.25-0.4m by 5m



limestone
 small rocky
 zone

Looks like this is
 just the upper part
 of the underlying rock
 layer.

Found an odd patterning of stone in 53CF/442
 No good artifact association and it may just be the
 upper part of the underlying rock level but I drew it in
 case it turns out to be cultural.

Subop 53CA On E4 12, immediately w of E4 11, encountered
 (Hill) well on the w (could see it on the surface) roughly
 paralleling well at the same (+) depth as (section on the E
 Hill), on this segment, instead of rock (cobbles) set in sand.

- 53CA/957 Elm EU 11, 0.3-0.4^{0.35} m bgs w of cation wall - shd, Furnaces
- 53CA/1006 & from 1.8m S of NW trench corner, cutting into the rock layer, 0.3-0.4 m bgs. 1 slag & 1 chert furnace
- 53CA/955 In EU 12, 0.3-0.4^{0.35} m bgs up to Hill wall on the W, shd, obsidian small chip, Animal bone
- 53CA/956 - 0.35-0.45 m bgs in EU 12, E of Hill wall shd, obsidian, chert
- 53CA/991 - 1x1m pit 2m W of 53CA/956, 53CA/956 + in line with it 0-0.2 m bgs.
- 53CA/915 - Fall from in EU 10, 1 dubon shd, 1 pigment shd
- 53CA/991 - 0-0.2 m bgs in 1x1m EU edging large boulders
- 53CA/991 - 0.35-0.45 m bgs in EU 11, same EU as cation, clearing down to same level as (53CA/956)
- 53CA/992 - 0.2-0.4 m bgs in EU 1
- 53CA/958 - 0-0.2 m bgs in EU 13, following cation N. shd, Furnaces, chert
- 53CA/959 - 0.2-0.30 m bgs w of cation to possible plumed floor, EU 13 - clear chert pan, shd, bj, chert, Furnaces
- 53CA/992 - 0.2-0.3^{0.35} m bgs in EU 1 - to rock level
- 53CA/964 - 0.3-0.35 m bgs in EU 13, looking for plumed floor w of cation wall. Shd, bj, chert
- 53CA/961 - 0-0.2 m bgs in EU 14, immediately N. of 9612 + w of EU 13 E of Hill wall.
- 53CA/993 - 0-0.2 m bgs in EU 2, 1x1m immediately W. of EU 1.
- 53CA/966 - In EU 12, away from stone concentration, 0.6-0.7 m bgs, 1 animal bone and 1 rock with copper in it - probably natural.
- 53CA/962 53CA/963 - 0.2-0.3 m bgs in EU 14, E of Hill wall, lying down to plumed floor. shd, chert, bj, chert
- 53CA/991 - 0-0.2 m bgs in 1x1m pit 4.4m E of Sub 53CA/964
- 53CA/964 - 0.3-0.4 m bgs to end on plumed floor, shd, bj, chert
- 53CA/965 - 0-0.2 m bgs in EU 15, 1x1m N of EU 13, following cation N. shd, slag, chert
- 53CA/994 - 0.2-0.4 m bgs in EU 2, shd
- 53CA/995 - 0.4-0.6 m bgs in EU 2
- 53CA/992 - 0.2-0.4 m bgs in EU 1 (1x1m) slag (1.226.1)
- 53CA/966 - minor / removed from within wavy feature
- 53CA/967 - 0.2-0.3 m bgs to ± level of potous in EU 15 Sub
- 53CA/996 - 0-0.2 m bgs in EU 5 (covered heading W. to 53CA/993)
- 53CA/993 - 0.4-0.6 m bgs in 1x1m pit 9(A)

slag, shd, chert, obsidian

- 53CA/957 4m Eu 11, 0.3-0.4m bgs w/ cotton wall - shed, Furnaces
 53CA/1006 4m 1.8m S of N. trench corner cutting into the
 rock layer 0.3-0.4m bgs. 1st of 1st
 53CA/955 In Eu 12, 0.3-0.4m bgs up to Hill wall, the w. shed,
 obsidian (small chip), animal bone, obsidian, chert
 53CA/956 - 0.35-0.45m bgs in Eu 12, E of Hill wall, shed,
 53CH/991 1x1m pit 2m w/ 53 bgs, 53CA/956 in line w/ it
 0-0.2m bgs.
 53CI/915 - Fall from in Eu 10, 1.4m stone, 1 pigment stone
 53CI/991 - 0-0.2m bgs in 1x1m Eu adjoining large boulder
 53CA/957 - 0.35-0.45m bgs in Eu 11, same Eu as cotton, clearing
 down to same level as (53CA/956)
 53CH/992 - 0.2-0.4m bgs in Eu 1
 53CA/958 - 0-0.2m bgs in Eu 13, following cotton N. sheds,
 Furnaces, chert.
 53CA/959 - 0.2-0.30m bgs, w/ cotton to possible Plural
 floor, Eu 13 - clear chert pit, sheds, bj, chert, Furnaces.
 53CI/992 - 0.2-0.3m bgs in Eu 1 - to Rock level
 53CA/964 0.3-0.35m bgs in Eu 13, looking for Plural floor
 w/ cotton wall. Sheds, bj, chert
 53CA/961 - 0-0.2m bgs in Eu 14, immediately N of 53/2
 w/ Eu 13. E of Hill wall.
 53CI/993 - 0-0.2m bgs in Eu 2, 1x1m immediately w/ of
 Eu 1.
 53CI/916 - In Eu 12, many dinner stone concentration
 0.6-0.7m bgs, 1 animal bone and 1 flask with ^{upper} in it -
 probably natural.
 53CA/962 53CA/963 - 0.2-0.3m bgs in Eu 14, E of Hill wall, dying down
 to Plural floor - sheds, clay, 4 bgs, chert
 53CI/991 - 0-0.2m bgs in 1x1m pit 4m E of Sub 53
 53CA/964 - 0.3-0.4m bgs to end on Plural floor, slightly E of
 53CA/965 0-0.2m bgs in Eu 15, Plural floor, Eu 13, 1x1m
 cotton N. sheds, clay, chert
 53CI/994 0.2-0.4m bgs in Eu 2, sheds
 53CI/995 - 0.4-0.6m bgs in Eu 2
 53CI/992 0.2-0.4m bgs in Eu 1 (1x1m) slg. (1x1m)
 53CA/966 - mineral removed from within w. shed, Furnaces
 53CA/967 0.2-0.3m bgs to ± level of Plural in Eu 15
 53CI/996 0-0.2m bgs in Eu 5, Plural floor, w/ 53
 53CI/993 0.4-0.6m bgs in 1x1m pit.

sheds
slg, chert

slg, glass
sheds
Eu 11

CF

bone, lead
bj, chert,
obsidian

6/13/13

July 53 CF is down to c. 5-0.55m bgs (unseen rock level at the base) and no artifacts were found in the last 0.2m bet. A opening up new 1x1m test pit 2m to the W (July 53 CH)

July 53 CH - 1x1m pit aligned with end 2m W of July 53 CF.

July 53 CC Cleared down and in part (S.) of Hilly Road - no deep depth - nothing on large boulder. Cutting down in EU12 at the S. end of the trench to see what we can find

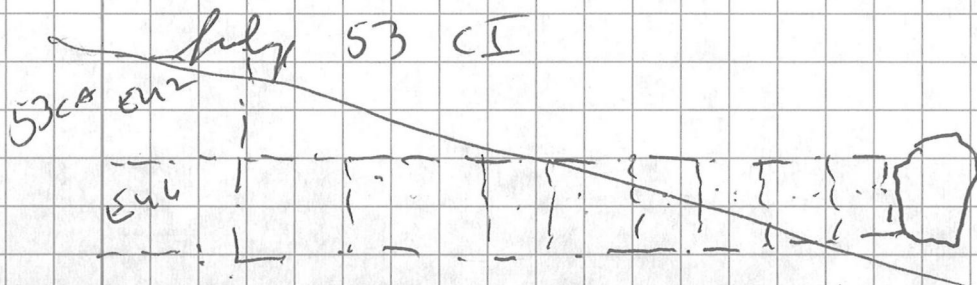
July 53 CI - laid out 7, 1x1m pits extending E from July 53A EU6 to the large boulder on the E. Digging in the 1x1m square adjoining that boulder.

July 53 CAG - digging work here in the rock layer section noted, natural, and sterile

July 53 CA - seems to be hitting a floor + equivalent in depth to plumed in EU12 - following it back E into EU11.

Pit pushed out into EU13, a 1x1m N of EU11 and W of EU4, following contour N or the W. side

Found a clear short before in 53CA/55 amounts with furnace fragments (at least 1) below contour wall and ca. 0.005m above plumed floor.



6/13/13

July 53 CF is down to 0.5-0.55 m bgs (current rock level at the base) and no artifacts were found in the last 0.2 m let. (A opening - approx 1x1 m test pit 2 m to the W (July 53 CH)

July 53 CH - 1x1 m pit aligned with end 2 m W of July 53 CF.

~~53CH/1015 - full from in EU 10 - 1 m down - 1 m test~~

July 53 CC Cleared down end in part (S) of Holly Rock no deep depth - nothing on large boulder. Cutting down up 53CH/1015 at the S. edge of the trench to see what was found. Found 0-0.5 m bgs in EU 13 - 5 m down - 1 m test.

July 53 CE - Dug out 7 1x1 m pits extending E from July 53A EU 6 to the large boulder at the E. Digging in the 1x1 m square adjoining that boulder.

July 53 CAG - Stepping work done on the rock layer. Section rotated, natural, and sterile.

July 53 CA - seems to be hitting a floor - equivalent in depth to plumed in EU 12 - following it back E into EU 11.

Pit pushed out into EU 13, a 1x1 m N of EU 11 and W of EU 4, following cation N on the W. side.

Found a clear sheet before in 53CA/059 associated with furnace fragments (at least 1) below cation wall and ca. 0.005 m above plumed floor.

July 53 CI

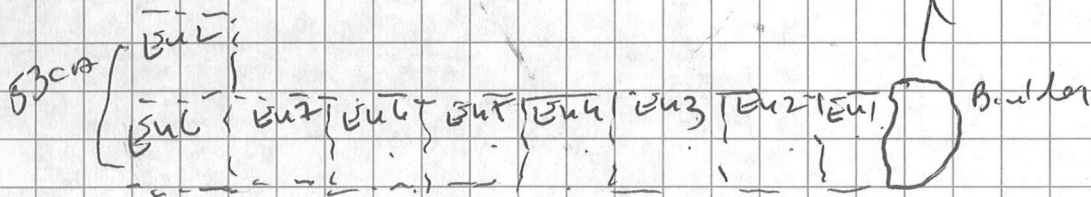


See table
by change
date

53CI/003

0.6 m bgs - 1 m test

Lulup 53CS



Start a rock (jumbled cobbles) layer at ca. 0.35 m bgs in EU1 on the W. side of the large surface-visible boulder. Stopped at that point and expended into EU2.

Lulup 53CH at ca. 0.4 m bgs, went through a layer of rock and seem to be in dirt again. Going down through that dirt for at least another 0.2 m. just dirt now.

Lulup 53CA I saw some sand placed floor and there's a furnace fragment sitting on it. Moved at EU14, a 1x1 m pit immediately N of EU12 and W of EU13 - following Hill wall N. (staying E of Hill for the moment). as we continue down to Plumed eventually.

gle piece of furnace I saw on Plumed in EU13 is actually embedded in it.

Blowdown
& major
features appear
on the
Calson
wall
step down
N.W.

Among the burned rocks (2) in EU10 is a hard-packed agglomeration of material that may be what was burned here. Collecting at ca. 53CA/p66. = wavy feature.

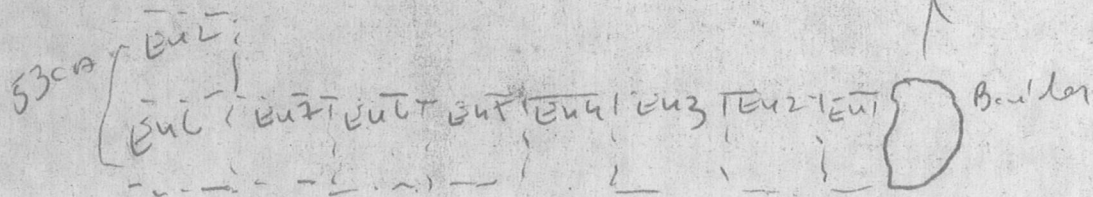
Blowdown is a feature made of wavy, furnace fragments found in the S.E. corner of EU11 below Calson. Seams to form a semi-circle open on the N.W.

Lulup 53CI It is another rock layer in EU1 at ca. 0.4 m bgs below the one encountered in EU1 at 0.37655.

Side by side rock stratum does not continue all across the pit, but stops at the EU1/2 boundary. Very few artifacts out except layer but some are found in all levels.

Lulup 53CE finished the main N-S trench and moved over 2 (1x1 m EU) to the west of EU5+6. There is at least one of the surface lines in this area have architectural reality.

July 53 CI



Start a rock (pumpled cobbles) layer at ca. 0.35 m
bgs in EU1 on the W. side of the large surface-vent
boulder. Stopped at that point and expanded into EU2.

July 53 CI at ca. 0.4 m bgs. went through a layer
of rock and seem to be in dirt again. Going down
through that dirt for at least another 0.2 m. just dirt now.

July 53 CA I saw some sand planet floor and
there's a furnace fragment sitting on it. There's also
EU14, a 1x1 m pit immediately N of EU12 and W of EU13.
Following H.11 wall N (staying E of H.11 for the moment).
as we continue down to Planet eventually.

The piece of furnace I saw on Planet in EU13 is actually
embedded in it.

Among the burned rocks (?) in EU10 is a hard-
baked agglomeration of material that may be what was burned here.
Collecting it as 53CA/p66. = wavy feature.

Elephant is a feature mostly recycled furnace fragments
found in the SE corner of EU11 below Colson. Seems to form a
semi-circle open on the NW.

July 53 CI H.17 another rock layer in EU1 at ca. 0.6 m
bgs below the one encountered in EU1 at 0.3 m bgs.
The upper rock stratum does not continue all across
the pit but stops at the EU1/2 boundary. Very few
artifacts out and layer but none are found
in all levels.

July 53 CI finished the main N-S trench and
moved over 2 (1x1 m EU) to the west off E4+EU5+6
to see if any of the surface lava in this area
have architectural reality.

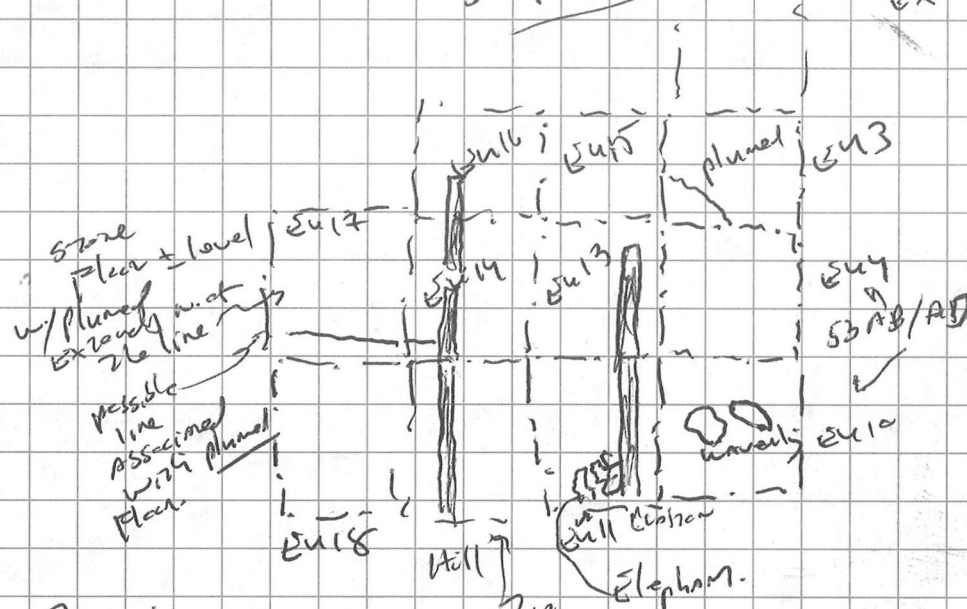
Elephant
is a major
feature
on the
Colson
wall
wavy
feature
Elephant
is the

Subop 53CA - Tentatively, assume that there are at the following stages here:

older Art/Plumel
↓ waverly
Elephant + plumel (?)
most recent Art / Plumel Dump?

p1/14/13

Subop 53CA, west side of Subop 53AB/AD
excavating



Digging in E417 E412

because clearing w/ Hill in E414 recovered some, but looked
lot like some flat, hard rock at the level of Plumel.
Want to see if there's another feature in this area
associated with Plumel

Subop 53CI - later, c. 8m by 5m E415 found a few flat-
hard rock that don't form a pattern but they don't
seem to be part of the rock layer. Showing into E416
immediately to the w. to clear down and see if more
material shows up. Artifacts are still coming out
in the c. 6-8m level.

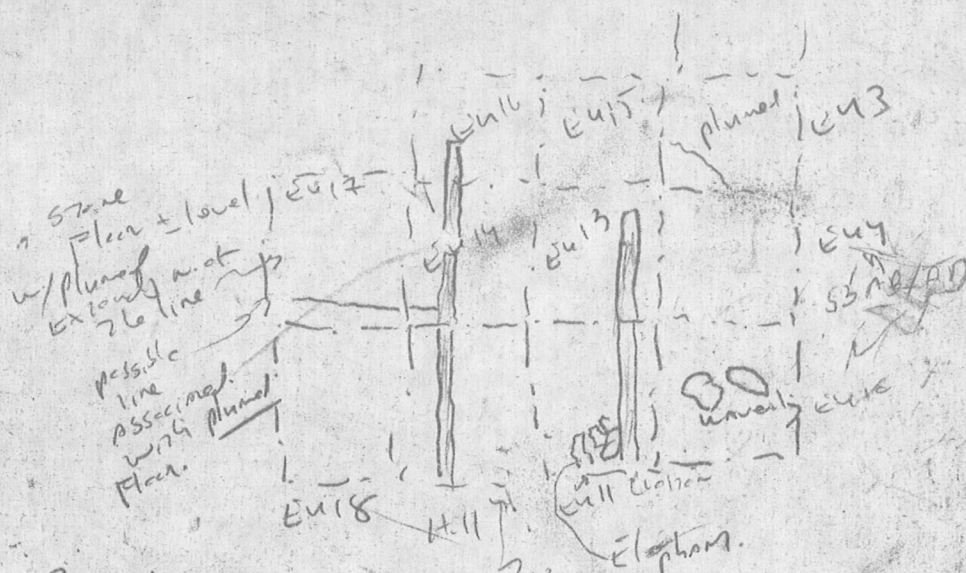
Subop 53CK is 15m pit located + half way
between Subop 53CI + CC. Looking to see where the
rock level comes in here. It seems to fluctuate
in depth and I'm wondering if there's any might
mean some cut into what I guess is a natural rock level.

Subp 53CA - Tentatively assume that there are at the following stage here:

oldest Art / (Hou) P
 ↓ w/averily
 Elephant + plumed
 most recent Calzen / Pinnace Dump?

6/14/13

Subp 53CA, west side of
 Subp 53AB/AD
 excavations



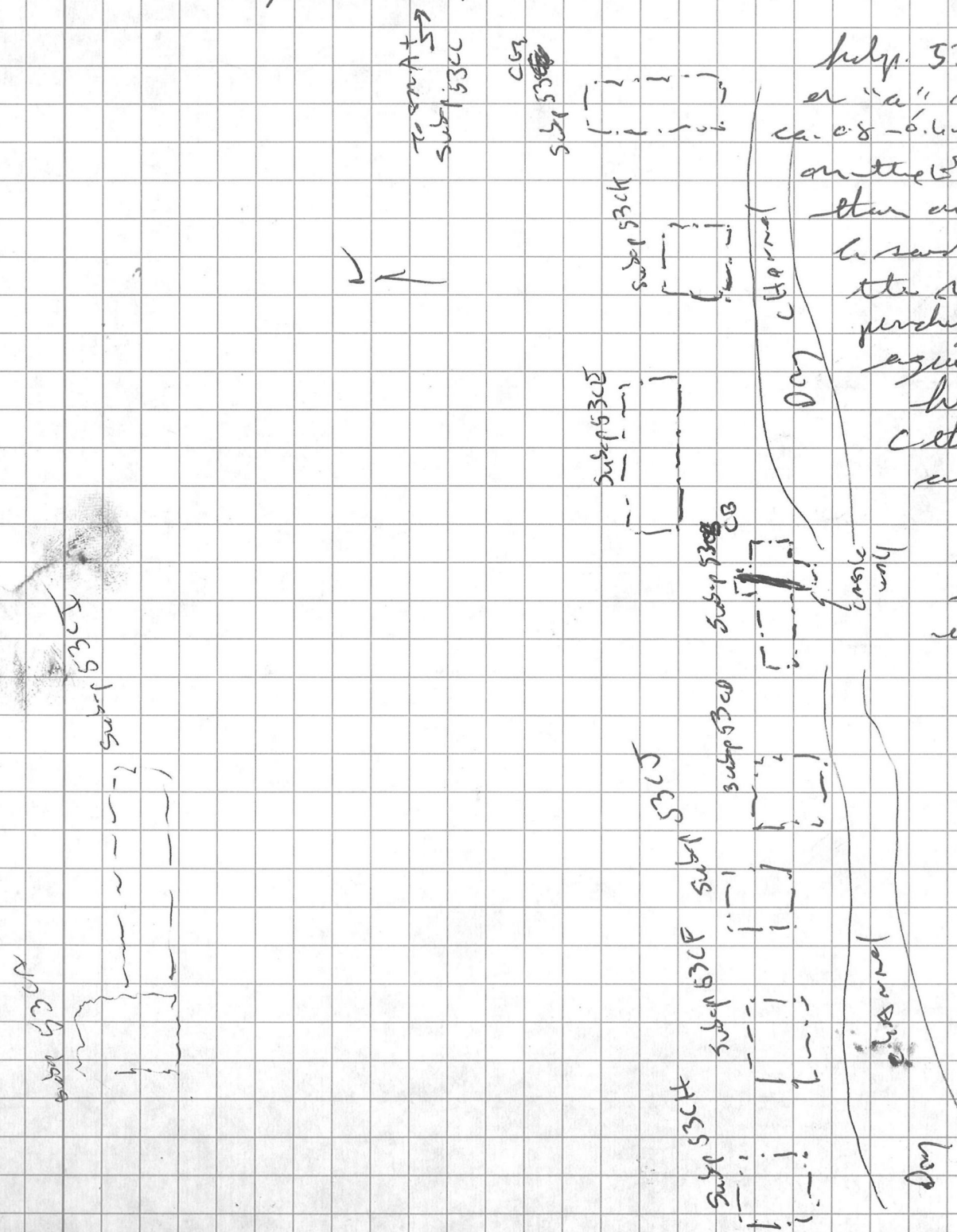
Digging in EU17 EU12
 because clearing w/ H.11 in EU14 recovered some what looked
 lot like some flat hard rock cut + the level of plumed.
 want to see if there's another feature in this area
 associated with plumed

Subp 53CI - hit ca. 0.8m by 5m EU15 found a few flat
 hard rock that don't form a pattern but they don't
 seem to be part of the rock layer. Moving into EU16
 immediately to the w. to clear down and see if more
 material shows up. Artifacts are still coming out
 in the 0.6-0.8m level.

Subp 53CK - 1x1m pit located - half way
 between Subp 53CI + CG. Looking to see where the
 rock level comes in here. It seems to fluctuate
 in depth and I'm wondering if there's any off. might
 mark some cut into what I guess is a natural rock level

July 53CT - Down to ca. 4m bgs and reduced to only a few pieces of shags in c. 4-6m bgs, but still no stone! Getting sand / small stone layer under the that found in July 53CB to the E.

July 53KH (cont.). If this is the case then there may be another rock cgl between the rock exposure in July 53CB+CG as the ground drops a bit here. and all see.



July 53CT but etc or "a" rock layer at ca. 0.8-6.4m bgs, higher on the E consistently than on the W.

A sand layer over the the rock on ground, pinching out on the E against the highest stones. Elsewhere the rocks and sand are overlain by a brown clay similar to what we see near the other points north July 53.

July 53CT - Down to ca. 0.4m bgs and reduced to only a few pieces of shingle in 0.4-0.6m bgs, but still no stone. Scattered sand / small stone layer similar to that found in July 53CB to the E.

July 53KH (cont.). If this is the same then there may be another rock cut between the rock exposure in July 53CE+CG as the ground drops a bit here. And three.

trans. A. T. Sub 53CC

Sub 53CK

Sub 53CK

Sub 53CE

Sub 53CB

Sub 53CD

Sub 53CT

Sub 53CF

Sub 53CH

Channel

Day

Classic

Channel

Day

July 53CT but etc or "a" rock layer at ca. 0.8-0.6m bgs, higher on the E consistently than on the W. A rock layer under the rock in ground, possibly cut on the E against the highest stones. It shows the rock and sand are overlain by a stream clay similar to what we see near the other points. July 53.

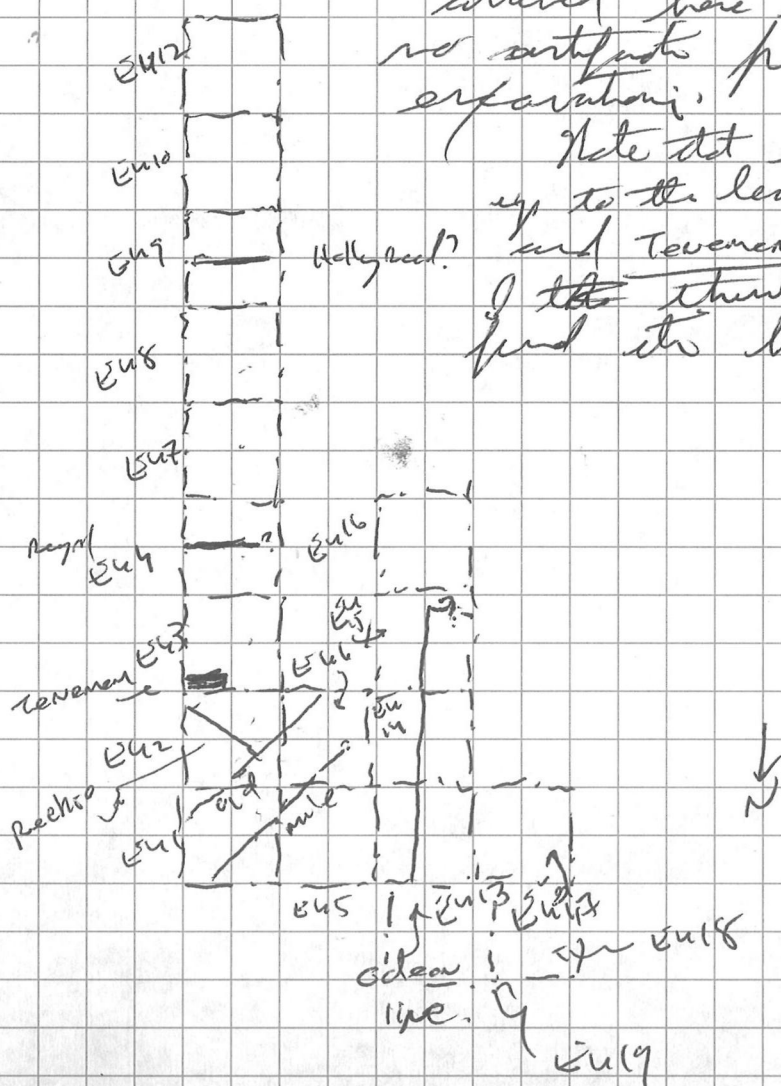
p1-13-

- 14 June 53 CI/467 - 0.2-0.4 m bgs in EU 5. sherd, bj, odd reds
- 53 CA/468, c-0.2 m bgs in EU 16, immediately w. of EU 15 + w. of EU 14, exposed N. end of Hill wall. sherd, bj, chert, start, jure
- 53 CA/469 cleaning area where Plumed might have been in 17.1 m
 obs. (stone, pet. cut) 0.4 m bgs, EU 15 sherd, ch. start
- * 53 CA/470 0.2-0.3 m bgs in EU 16 down to Plumed level. sherd, chert, bj
- 53 CI/468 0.4-0.6 m bgs, EU 5 sherd
- 53 CA/471 - 0-0.2 m bgs, EU 14, w. side of Hill. sherd, bj
- 53 CI/469 0.6-0.8 m bgs in EU 5 sherd
- 53 CA/472 - 0.2-0.3 m bgs in EU 14 w. of Hill. sherd, ch, bj. to Plumed level
- 53 CA/473 c-0.2 m bgs in EU 17, immediately w. of EU 14 digging to Plumed level to test for features associated with this floor.
- 53 CK/491 - 0-0.2 m bgs in 1 x 1 m pit located w. of Subp 53C9 and E of Subp 53CE sherd, jure, slag
- 53 CI/414 c-0.2 m bgs in EU 6, overfoss, slag
- 53 CA/474 - 0.2-0.4 m bgs in EU 17 to level of Plumed floor. sherd, chert, jure, bj
- 53 CA/475 - 0-0.2 m bgs in EU 18, immediately S. of EU 17 and west of EU 12. cleaning back to expose possible line in EU 17. sherd, bj, chert
- 53 CK/492 c-0.4 m bgs in 1 x 1 m pit sherd, animal bone, chert, slag, jure
- 53 CI/411 - 0.2-0.4 m bgs, EU 6, overfoss, sherd, bj, slag, jure
- 53 CA/476 c-0.4 m bgs in EU 18. sherd, chert, bj (flashed)
- 53 CI/412 0.4-0.6 m bgs, EU 6
- 53 CI/413 0.6-0.8 m bgs, EU 6
- * 53 CA/477 - 0.4-0.5 m bgs in EU 18, S. of the positive line, in dirt level of Antenna and slightly lower. very good carbon sample - c-0.45 m bgs
- carbon samples. sherd
- * 53 CK/493 - 0.4-0.6 m bgs sherd, slag, animal tooth (lower cranium found in 53 CK/492), chert, carbon sample.

July 19. 53CC We've been sitting w/ pros B & C to try and figure out if the surface line of large cobbles have any reality and, if so, what they might mean architecturally. One line seen on the surface running N-S does seem to line up with a set of large cobbles exposed in BU 13, 14, 15, though many small stones were found lying immediately E of this line (called Odeon). Slog were removed (extended up to the top of Odeon) to test the reality of Odeon. The whole area exposed E of Odeon is filled with gale medium to small cobbles set in slut ^{a big mass} of tuff and flat laid rock.

Ocean beach, based on my estimate, to be cut about
the same level as old + REEKE and below mile 2 or so
assuming ocean was huge and flat laid with relatively flat
floor oriented ~~sub~~ outward. They don't look like they
arrived here naturally. State basically
no artifacts per my of the July 03 a
examination.

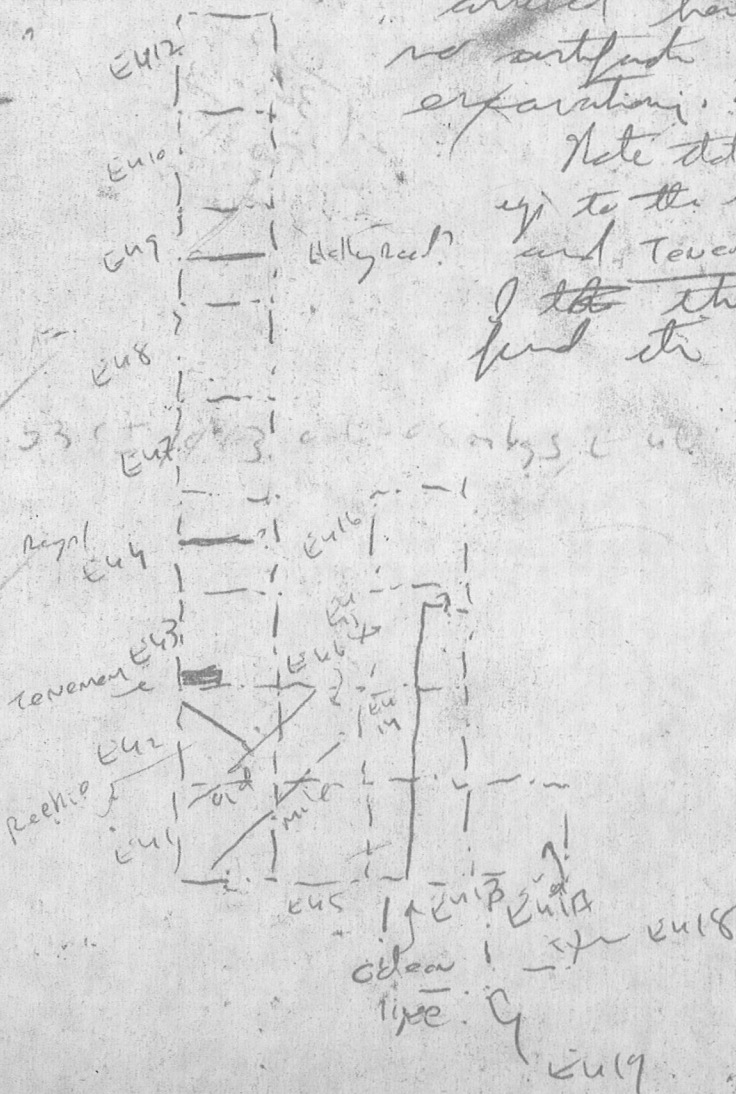
Note that the top of ocean brings it up to the level of the top of rule and movement though it goes deeper I ~~think~~ think - we still have to find its base.



July 1953. We've been cutting to face E45+6 to try and figure out if the surface line of large cobbles have any reality, and if so, what they might mean architecturally. One line seems to be a surface running N-S. does seem to line up with a set of large cobbles exposed in E413, 14, 15, though many small stones were found lying immediately E of this line (called Odeon). Slog were removed (extended up to the top of Odeon) to test the reality of Odeon. The whole area exposed E of Odeon is filled with ~~gale~~ medium to small cobbles, set in dirt & ^{loose} matted and flat laid rocks.

Odeon looks, based on my estimate, to be at about the same level as old + Reekie and below Mile. The rocks comprising Odeon are huge and flat laid with naturally flat faces oriented ~~about~~ outward. They don't look like they arrived here naturally. Still basically no artifacts from any of the July 53 excavation.

Note that the top of Odeon brings up to the level of the top of Mile and Teveness. though at present I ~~do~~ think we still have to find the boundary chart, & probably



bulap 53CA Cleared in part (N) of the line in E417 and the floor fragment that lies on the N is more substantial than planned but clearly is far though it is about the same level as planned. 3 low ash floor stones are much larger and more densely packed, at least up to 0.15m of it exposed N of the line. A piece of furnace is lying on the floor and seems to intercept the possible line at the E where it underlies Hill wall.

The floor may extend for no more than 0.18m S of the line as E417 is all dry and fallen at later.

Catrow is now exposed for 1.9m N and Hill for 2.6m - take out ca. 0.2m above the planned floor complex. There is at least 1 furnace piece embedded in planned S of Hill - it is firmly established in that surface.

Hill is 0.14-0.24m wide, oriented 357°; distance between Catrow and Hill is 1.21m with S. and 1.28m on the N. where Catrow was removed is 1 stone wide.

bulap 53CK at 0.38m is a wide trench's SE corner found the lower of a very usable tunnel. Collected most the rest of the lot. A fair amount of sherd (mostly thick) and furnace fragments are coming out along with, piece of glass, how what looks like a pretty old bottle (18th century?). Seems like a continuation of the historic occupation on the S. edge of the site.

bulap 53CC - Clearing E419 to see if we can pick up odean

July 53 CA - The possible line in E417 passes out to E418. I think looks like a disturbed part of the floor related to the wall on clear S. side. There are furnace fragments of some size embedded in the rock of the pottery line on the S. clearly the furnace are at the level of planned. The line may be 1 stone wide (0.14m) and just disappearing after that. The line, if that is what it is, is aligned ca. 281 degree and leaves the excavation 0.8m S of E417. The N corner and runs under Hill 1.16m S of Hill's N end in E416 - it does not appear to continue S of Hill.

Sun. 8/26

CBS A2M 13060-63 \$153.06

Isr know change
Ls ready 12209.83 \$110.50 - paid

Sun. 8/25

paid 1500- \$25- -

Bph 1 of 14 Ls \$646.94

" " " 157 Knys \$9889.50

July 53CA - 2 good - 1/2 carbon
samples came out of there lot is
E418 (53CA/877) along with a
few shub. No stone floor showing
up.

July 53CC No artifacts at all
today in any part of the excavations

could about the possibility that the A was covered with
culturally
sand/stone after its abandonment and any artifacts are
buried somewhere in the soil and around the building still?
I don't think that in right - some artifacts should have
showed up by now.

* July 53CK - carbon sample at ca. 0.5m by 5.5m 53CK/193
at a soil change from a dark to light brown soil, the upper
soil is soft/softer, the lower harder. Soil is covered
with debris and at least 1 piece of obsidian. I haven't
seen any historic artifacts at this level.

July 53CI - looks like a piece of furnace in
in the wall of B46, 0.4m high (top), 0.49m⁵⁵ wide
base - edge of the furnace deep?

p 1-13 -

Sun. 8/26

CES AM 23060.63 \$153.06

1st know change
Los Andes 22209.83 \$110.80

Sat. 8/25

F. 1 1500- \$25-

5/26 Lot 1, 1st Los \$646.99

1st Los \$4889.50

July 53CA - 2 good - 1/2 carbon
sample came out of other lot in
E418 (53CA/477) along with a
few sherd. No stone floor sherd
up.

July 53cc No artifacts at all
today in any part of the excavation

could not about the possibility that the A was covered with
wind/stone after its abandonment and any artifacts are
boxed somewhere in the mud around the building still?
I don't think that's right - some artifacts should have
threw up by now.

* July 53ck - carbon sample at ca. 0.5m in 53ck/473
at a root change from a dark to light brown soil. The upper
soil is rather softer, the lower harder. I feel uncomfortable
with sherd and at least 1 piece of obsidian. I have
seen any historic artifacts at this level.

July 53CI - looks like a piece of furnace in
the wall of 1216, 0.4m high (top), 0.49m at its
base - edge of the furnace dump?

LAST
NEXT LOSS defined

6/19/13

53CA/078 - 0.4-0.5m bgs, EU18, Amok in E-W & 0.2m N-S

53CA/077

N edge of 53CA/077, continuation of 53CA/077 sherd by

53CE/013

53CI/014, 0.8-1m bgs, EU16, Empty - rock layer

53CK/043

53CK/044 - 0.4-0.5m bgs, continuation of 53CK/043, sherd slag

55C/016

53CA/079, 0.5-0.6m bgs, EU18, Full EU, Sherd by

53CK/045 0.5-0.6m bgs in soil along right brown earth, 1x1m pit

Amok bone empty Amok bone

53CA/080

-0.6-0.7m bgs, EU18, Sherd

53CA/081

-0.7-0.8m bgs, EU16, looking E-R rock layer found on

53CI/015

-0.8-0.9m bgs in EU5, Empty - rock layer

53CA/082

-0.7-0.8m bgs, EU18, Sherd

53CA/083

0.8-0.9m bgs, EU18

53CK/046

-0.6-0.7m bgs 1x1m, Empty

53CK/047

-0.7-0.8m bgs 1x1m, Empty

53CL/041

-0-0.2m bgs, 1x1m pit, 2 sherd

53CL/042

-0.2-0.4m bgs, 1x1m pit, Sherd, by, slag

53CL/043

-0.4-0.6m bgs, 1x1m pit, obsidian, Sherd

53CL/044

-0.6-0.8m bgs, 1x1m pit, Sherd, obsidian, chert

55C/017

EU22, 0-0.2m bgs Among stone rubble/pit,

Flint, 2 sherd

53CM/041

-0-0.2m bgs, rel. end of rock, EU2, Amok bone

54CA/091

-5m³ 0.5, E side, S. end 0-0.1m bgs, chert

6/20/13

EU1

53CL/045

-0.8-1m bgs, 1x1m pit, Sherd, bone

53CL/046

-1.0-1.1m bgs, 1x1m pit, Sherd

53CC/018

-0-0.2m bgs Among rubble, EU25, Sherd.

53CL/047

-1.1-1.2m bgs, 1x1m pit, Sherd, obsidian, chert

mixed with stones in a rock layer.

53CL/048

-1.2-1.4m bgs, 1x1m pit, Sherd

53CL/049

-0-0.08m bgs in A' horizon 1x1m pit, Sherd, Squash

53CL/049

-B' level, EU2, Sherd, by

53CM/042

-0-0.2m bgs, EU11, Amok bone

54CA/092

-Amok bone found among upper rocks, in EU1-6

chert

53CL/041

-C' level, EU2, Sherd

53CM/043

-0-0.1m bgs among upper stones, chert, by

53CC/019

-0-0.2m bgs among upper stones, EU26, by

53CL/042

-D level, EU2, Sherd, slag, chert

53CL/043

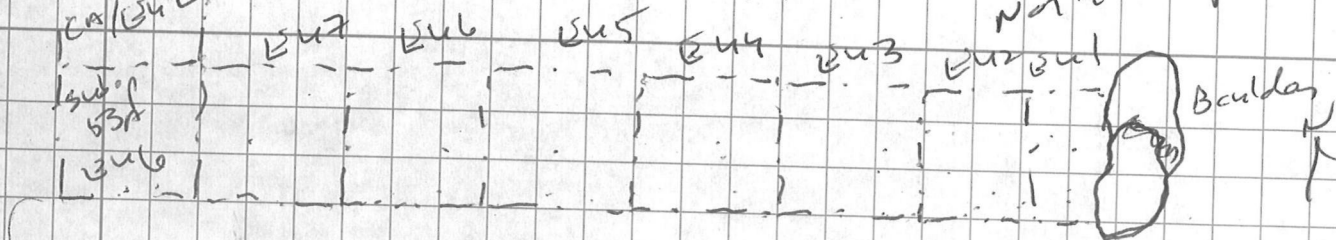
-E level, EU2, Sherd, more iron, chert

- LAST
NEXT Lers dated 6/19/13
- 53CA/478 - 0.4-0.5 m bgs, EU18, Animal in E-W x 0.2 m N-S
- 53CA/477 N edge of 53CA/477, continuation at 53CA/477 sherd, b
- 53CI/413 53CI/014 0.8-1.2 m bgs, EU16 - Empty - neck layer
- 53CK/443 53CK/444 - 0.4-0.5 m bgs, continuation at 53CK/443. Sherd slag
- 55C/416 53CA/477 0.5-0.6 m bgs, EU18, Full EU, Sherd, b
- 53CK/445 0.5-0.6 m bgs in soil change to light brown earth, 1x1 m
- Animal bone
- 53CA/484 - 0.6-0.7 m bgs, EU18, Sherd
- 53CA/481 - 0.7-0.8 m bgs, EU16, lacking E-R neck layer found in
- 53CI EU5+6. few sherd
- 53CI/415 - 0.5-0.9 m bgs in EU5, Empty - neck layer
- 53CA/482 - 0.7-0.8 m bgs, EU18 sherd
- 53CA/483 0.8-0.9 m bgs, EU18
- 53CK/446 - 0.6-0.7 m bgs 1x1 m, Empty
- 53CK/447 - 0.7-0.9 m bgs 1x1 m, Empty
- 53CL/441 - 0-0.2 m bgs, 1x1 m pit, 2 sherd
- 53CL/442 - 0.2-0.4 m bgs, 1x1 m pit, Sherd, b, slag
- 53CL/443 - 0.4-0.6 m bgs 1x1 m pit, obsidian, Sherd
- 53CL/444 - 0.6-0.8 m bgs, 1x1 m pit, Sherd, obsidian, clay
- 55CC/417 EU22, 0-0.2 m bgs Among stone rubble/fill, Europe, 2 sherd
- 53CM/441 - 0-0.2 m bgs. not out of rocks, EU2, Animal bone
- 53CA/491 - 5m³.65, E side, S end 0-0.1 m bgs, clay
- 6/2/13 EU1
- * 53CL/445 - 0.8-1 m bgs, 1x1 m pit, Sherd, bone
- * 53CL/446 - 1.0-1.1 m bgs 1x1 m pit, Sherd
- 53CC/418 - 0-0.2 m bgs Among rubble, EU25, Sherd
- * 53CL/447 - 1.1-1.2 m bgs, 1x1 m pit, Sherd, obsidian, clay
- mixed with stones in A neck layer.
- * 53CL/448 - 1.2-1.4 m bgs, 1x1 m pit, Sherd
- EU22 53CL/449 - 0-0.08 m bgs in A horizon 1x1 m pit, initial square
- * 53CL/449 - B level, EU2, Sherd, b
- 53CM/442 - 0-0.2 m bgs EU11, Animal bone
- 53CA/492 - animal found among upper necks, 0.1-0.6
- clay
- * 53CL/441 - C level, EU2, Sherd
- 53CM/443 - 0-0.1 m bgs among upper stone, clay, 47
- 6/2/13 53CC/419 - 0-0.2 m bgs among upper stones, EU2, b
- * 53CL/442 - D level, EU2, Sherd, slag, clay
- * 53CL/442 - E level, EU2, Sherd, clay

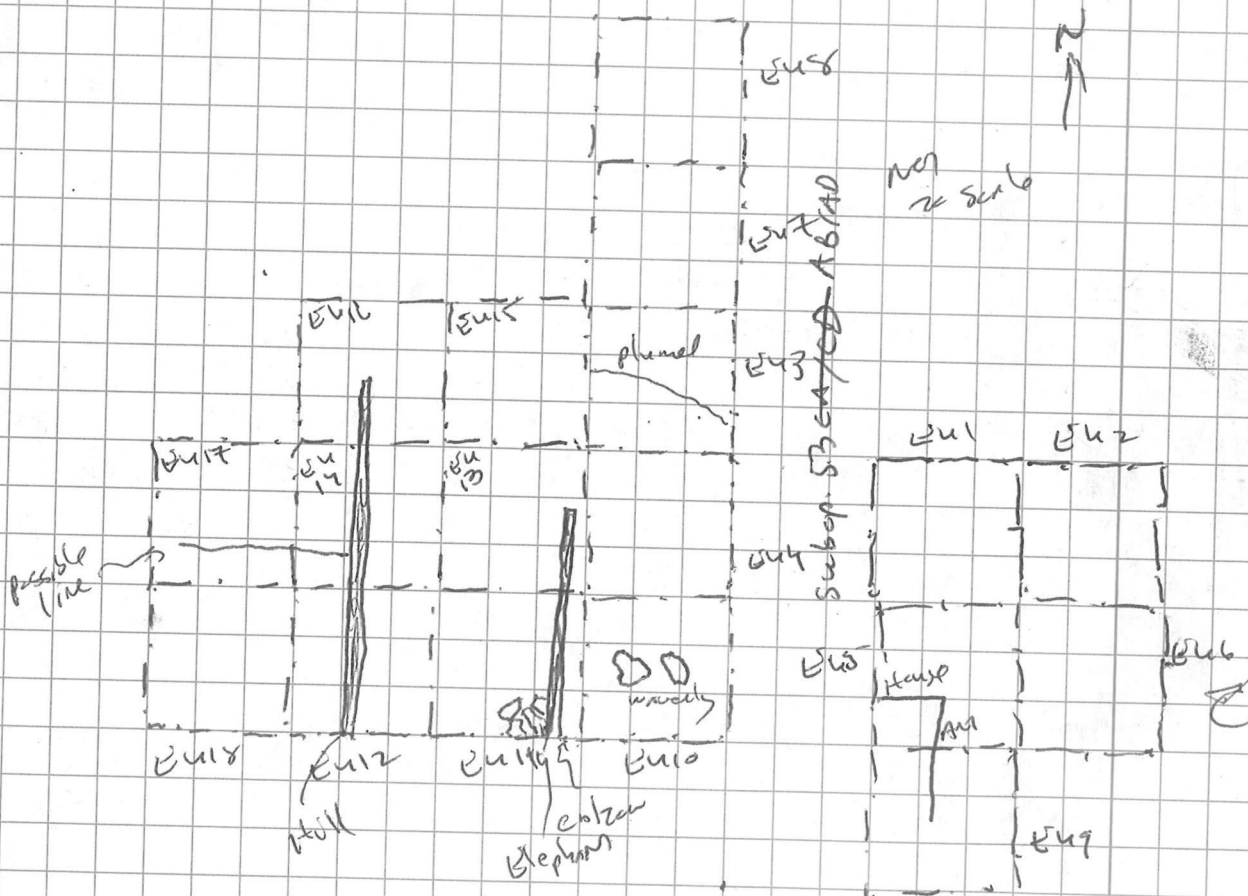
Subop 53
 CA/Eu2
 Subop 53A
 Eu6

Subop 53 CI

Non resubop 1-13 52



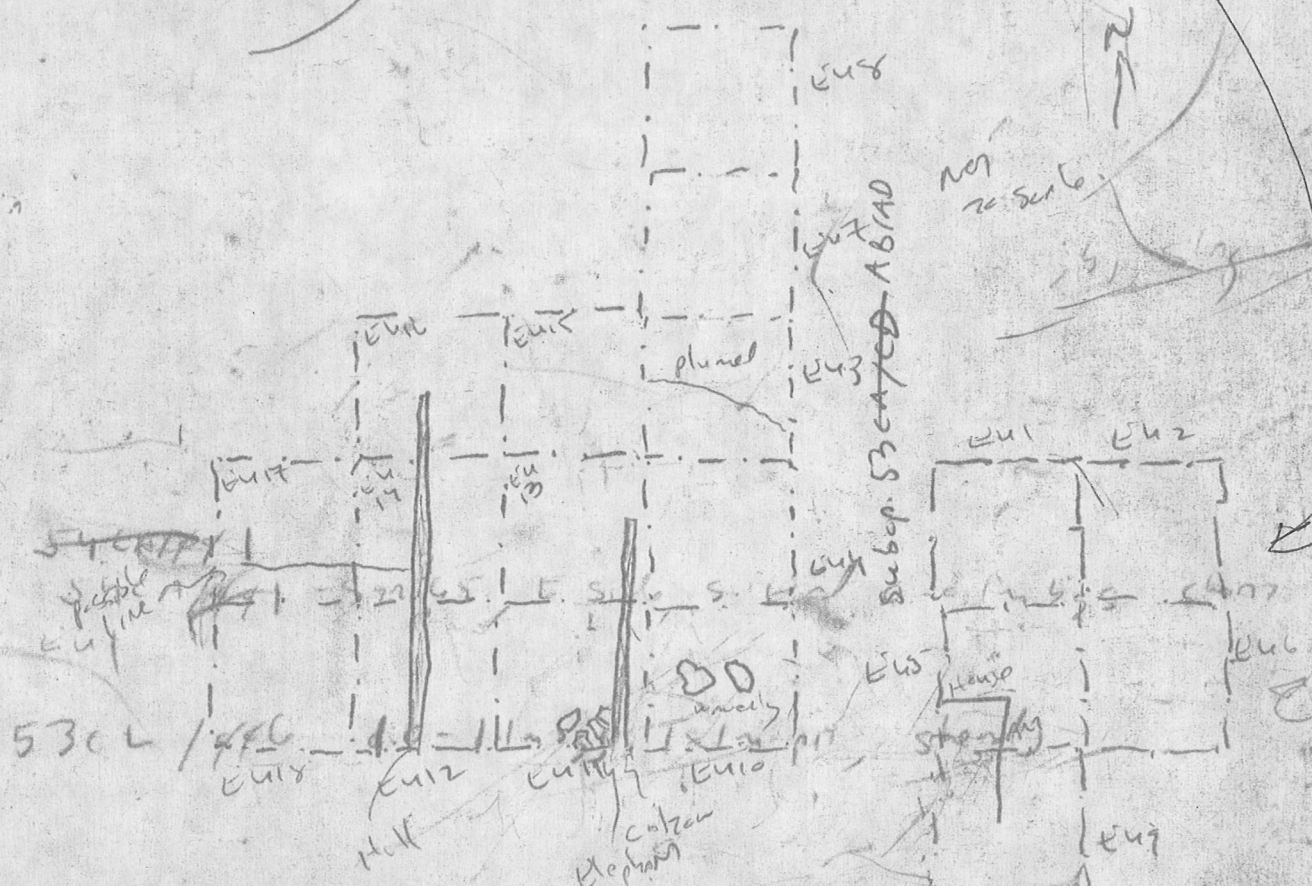
Subop 53 CA

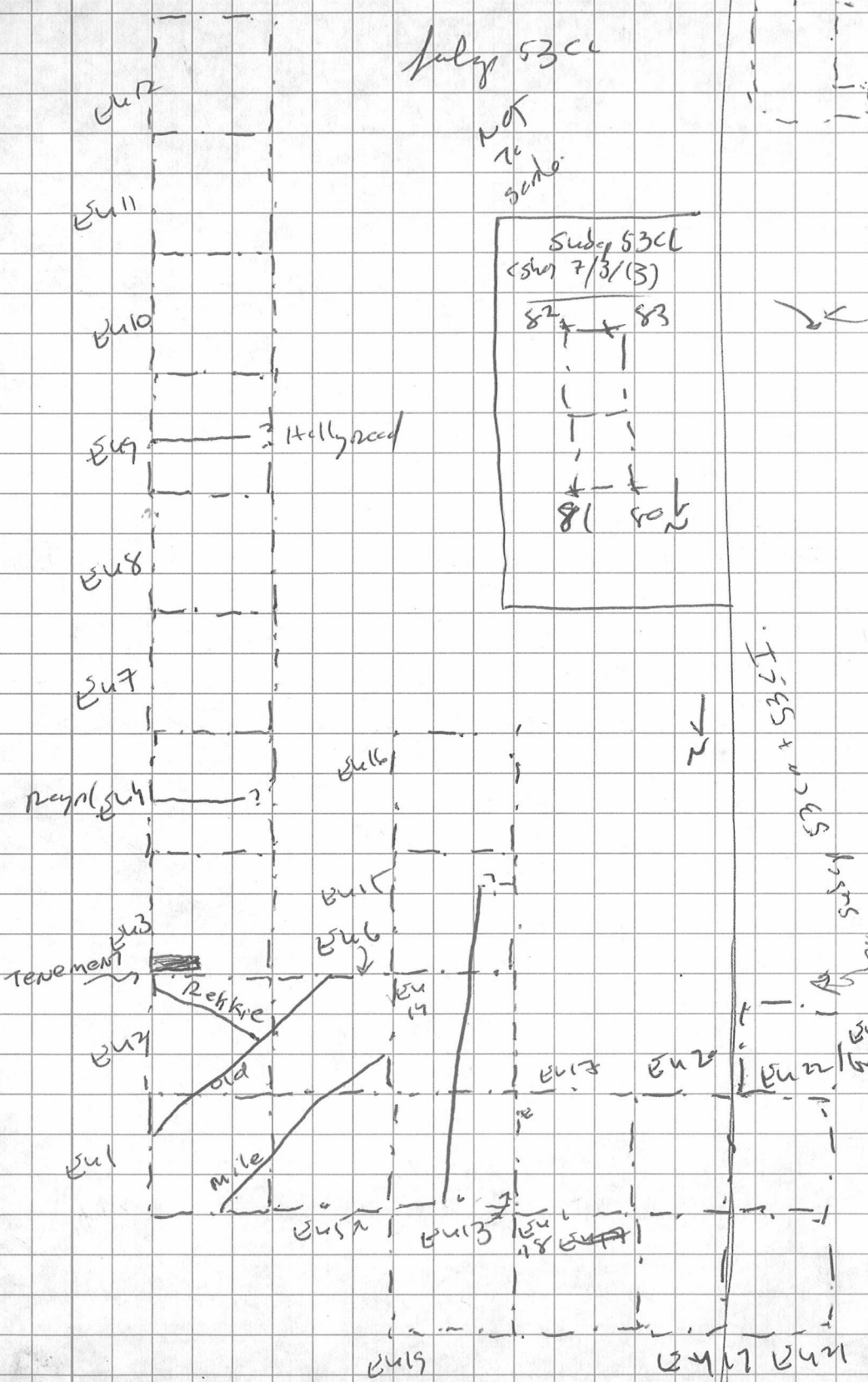


in resub p1-13 52

530A/K78 En4 4-5 mbs, En18, En19, En20, En21, En22, En23, En24, En25, En26, En27, En28, En29, En30, En31, En32, En33, En34, En35, En36, En37, En38, En39, En40, En41, En42, En43, En44, En45, En46, En47, En48, En49, En50, En51, En52, En53, En54, En55, En56, En57, En58, En59, En60, En61, En62, En63, En64, En65, En66, En67, En68, En69, En70, En71, En72, En73, En74, En75, En76, En77, En78, En79, En80, En81, En82, En83, En84, En85, En86, En87, En88, En89, En90, En91, En92, En93, En94, En95, En96, En97, En98, En99, En100, En101, En102, En103, En104, En105, En106, En107, En108, En109, En110, En111, En112, En113, En114, En115, En116, En117, En118, En119, En120, En121, En122, En123, En124, En125, En126, En127, En128, En129, En130, En131, En132, En133, En134, En135, En136, En137, En138, En139, En140, En141, En142, En143, En144, En145, En146, En147, En148, En149, En150, En151, En152, En153, En154, En155, En156, En157, En158, En159, En160, En161, En162, En163, En164, En165, En166, En167, En168, 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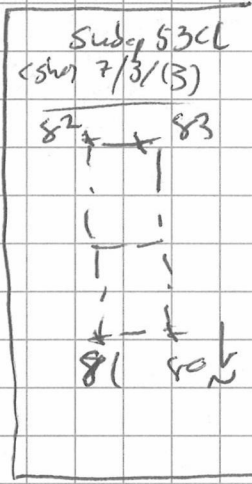
Sub 53CA





Subj 53CL

not to be done



Holly road

Tenement

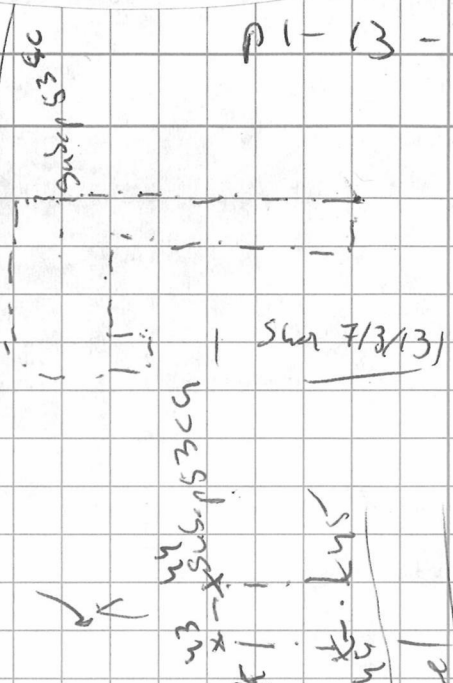
Refkre

mile

Eul14

Eul15

Subj 53CL + 53CL



Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

Subj 53CL

channel

Along the S. channel - not to be done

Along the S. channel - not to be done

Along the S. channel - not to be done

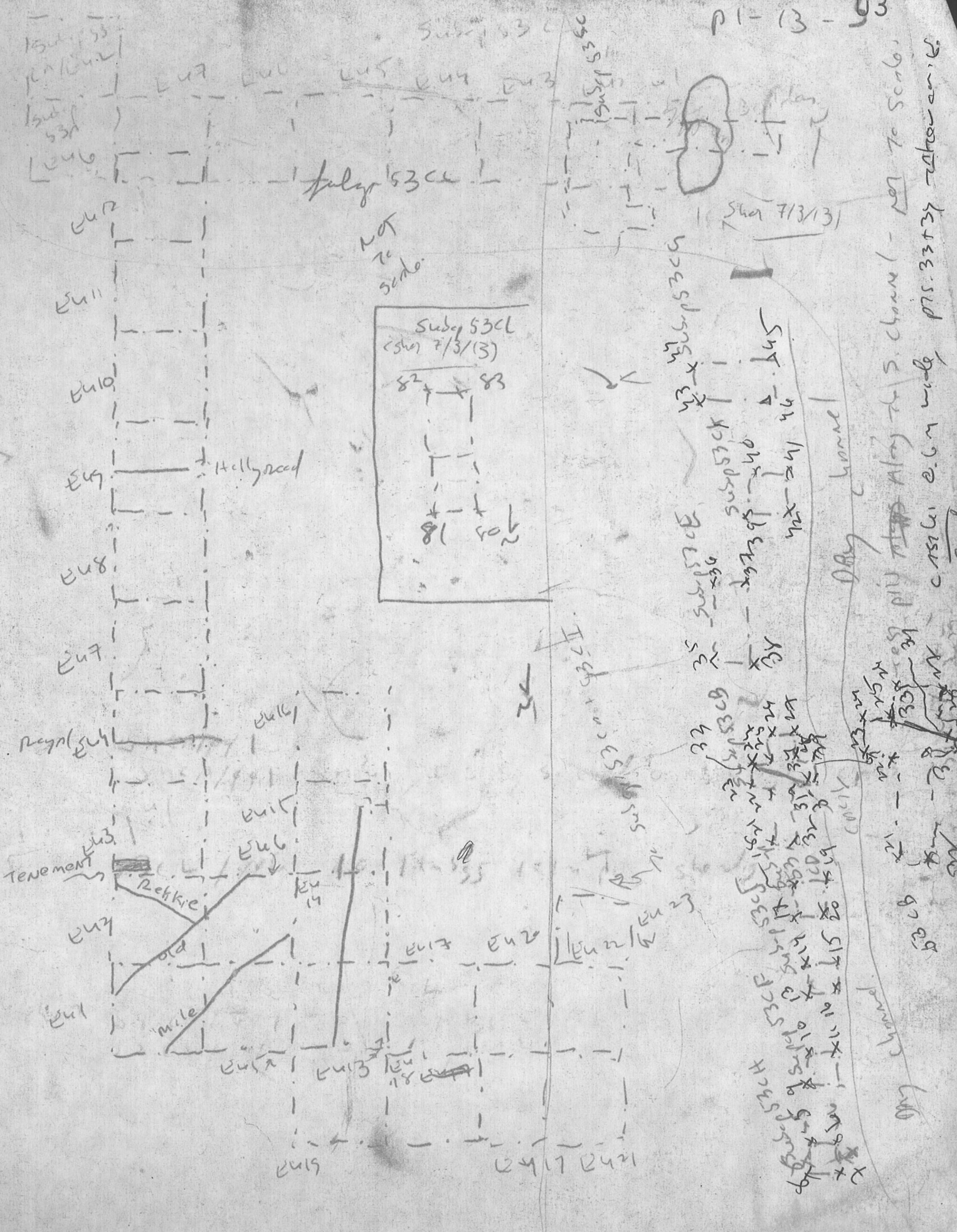
Along the S. channel - not to be done

Along the S. channel - not to be done

Along the S. channel - not to be done

Along the S. channel - not to be done

Along the S. channel - not to be done



6/19/13

craned. 4 1/2" Put's in the field today.

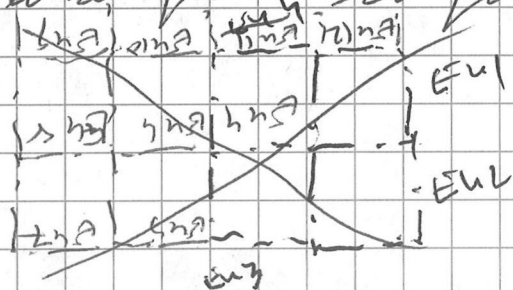
July 53 CA - Photo of wavyly and uneven 03104 - horizon over wavyly
03108 - surface shag, transverse on carbon 03105 - horizon, looking E.
03109 - Carbon top down, end of ruler on horizon 03106 - " " "
03110 - Elephantine heavy deposit 03107 - wavyly top-down

Surface that wavyly into an scum of small white fleshy bits of charcoal, bits of horn.

July 53 CL - 1x1 m pit, END of July 53 CL is an area where some clark were found on the surface.

July 53 CM - 1x1 m pit set in the midst of the 368 rock spread, testing for breccia and associated material, just N of July 53 CL. No lower part solid rock in all 4 EWS though some lower may be showing up. Most of the rock found are E plot - hard in though put in place internally, perhaps the whole area of the 368 is / was a set of interconnected platform similar to the 372 + 373.

No artifacts so far.



see PI-13-56

6/20/13

July 54 CA - So Stone 2, 1x1 m EWS open running E-W, solid rock, on the E. side of the 365's s. part (which now looks like a block of rubble/stones). Solid rock throughout the trench. Starting to remove rocks to determine if there are breccia. No artifacts there for

July 53 CL - Continuing to go down below for eggs now. Shag have found a heavy horizon in the 0.8-1.0 m level.

July 53 CL - clearing in the NW part of the trench.

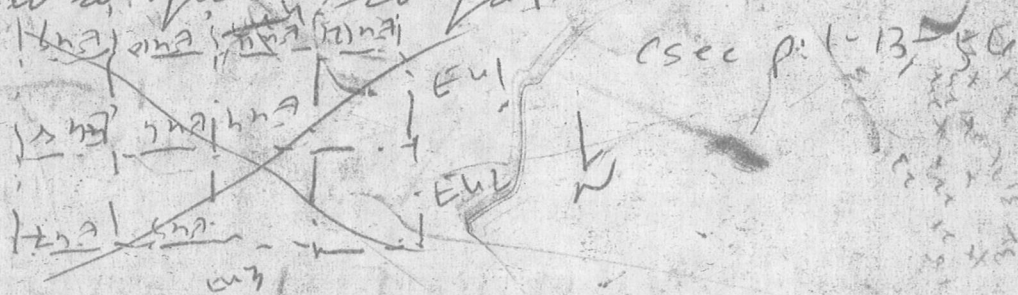
6/19/13

4 1/2" Put 2 in the field today.

July 53 CA - Photo of wavyly and numerous 03104 - horizon near wavyly
03108 - surface show, trace of points or canals 03105 - horizon, looking E.
03109 - Calcareous top down, end of ruler on horizon 03106 - " " " " " "
03110 - Etopham horizon deposition 03107 - wavyly top down
Surface that wavyly with a number of small white flecks,
bits of charcoal, bits of horne.

July 53 CL - 1x1m pit, ENE of July 53 CI in an area
where some clasts were found on the surface.

July 53 CM - 1x1m pit set in the middle of the the
368 rock spread, looking for linear and oriented
material, just N of July 53 CC. No linear just red
rock in all 4 EUS though some linear may be
showing up. Most of the rock found are E flat
land in the part in place intentionally, perhaps
the whole area of the 368 is/are in set/
interconnected platform similar to the 372+373.
No artifacts so far.



6/24/13

July 54 CA - So Stone 2, 1x1m EUS, open overlying
E-W, red rock, on the E. side of the 368's s. point
(which now looks like a block of rubble/stone).
Solid rock throughout the trench. Starting to
reverse rocky to determine if there are linear. No
artifacts - then for

July 53 CL - Confirming to see clay below 1m
EGS now. Gray here found a heavy horizon
in the 0.8-1.0m level.

July 53 CI - clearing in the N. part of the trench

Photos

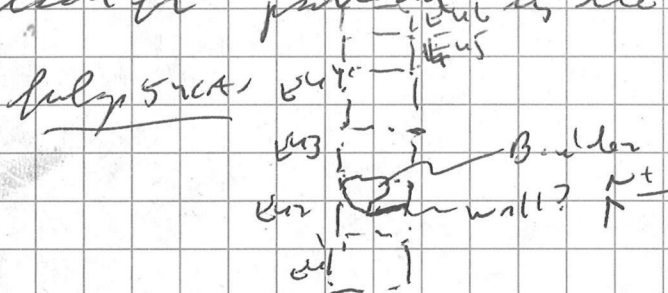
- 6/21/13 53CA - waverly Area examined from p1-13-55
 ✓ 53CM/444 0-0.1m bss, Among upper stones, EU 10, 11, chert
 ✓ 53CM/445 0-0.2m bss, Among upper stones, EU 12, 15 level
 ✓ 53CM/446 0-0.2m bss, Among upper stones, EU 30, Animal bones
 ✓ 53CL/414 - H level / EU 2, sherd, chert, obsidian
 ✓ 53CL/415 - H level / EU 2, sherd, chert
 ✓ 53CM/446 0.12-0.15m bss Among upper stones, EU 10, chert
 ✓ 53CC/421 0-0.3m bss Among upper stones, EU 10, 19 quartz crystal
 ✓ 54CA/443 - 0-0.4m bss, Among upper rocks, EU 7, Animal bone chert
 ✓ 54CA/444 - 0.4-0.6m bss, EU 7, in dirt next to rocks, 18 sherds
 ✓ 54CA/445 - 0.2-0.4m bss in dirt SW of stones, EU 6, Animal bones
 6/24/13 53CC/422 - 0-0.3m bss in earth Among upper stones, EU 31, b
 ✓ 54CA/445 - 0-0.3m bss, EU 6, Among dirt + upper rocks 18 sherds
 ✓ 54CA/446 - 0-0.2m bss, EU 13 + 14, in dirt above rocks, 18 sherds, animal
 6/25/13 54NA/W bare
 6/25/13 54NO/W 350 0.3-0.5m bss, 0.5 x 0.5m pit, sherd
 ✓ 54CB/444 0-0.4m bss Among large rocks chert, EU 3
 ✓ 54CC/441 0.3m bss at rock floor in EU 2, Animal bone
 ✓ 54CA/447 0.2-0.4m bss, EU 7, sherd
 6/26/13 54CA/448 - 0.4-0.6m bss, EU 8, sherd, obsidian, chert
 ✓ 54CA/449 - 0.6-0.8m bss, EU 9, sherd
 ✓ 54CA/410 - 0.7-0.8m bss, EU 9, sherd, obsidian
 ✓ 54CA/411 - 0.8-1m bss, EU 9, sherd, obsidian, blue/
 Around the lower rocks
 ✓ 54N450E/441 0.3-0.5m bss in W area above stones, sherd
 ✓ 54N500E/441 0.3-0.5m bss in earth above stone level, sherd
 6/27/13 54N550E/441 0-0.1m bss, 0.5 x 0.5m pit, above stones, sherd, obsidian
 ✓ 54N550E/442 0.1-0.3m bss, 0.5 x 0.5m pit, above stones, sherd
 ✓ 54N600E/441 0.2-0.4m bss, 0.5 x 0.5m pit, sherd
 ✓ 54CB/442 - 0-0.2m bss, EU 12, de peltre juze chert
 ✓ 54CD/441 - 0-0.1m bss, EU 2, Above rocks, sherd
 ✓ 54CD/442 - 0-0.1m bss, EU 1, Above rocks, sherd
 6/28/13 54N440SW/441 - 0.5 x 0.5m pit, 0-0.5m bss, sherd
 ✓ 54N440SW/441 - 0.5 x 0.5m pit, 0-0.5m bss, sherd
 ✓ 54N440SW/441 - 0.5 x 0.5m pit, 0-0.5m bss, sherd
 ✓ 54CD/443 - 0-0.2m bss, EU 2, in seeming rock fill, chert
 ✓ 54CD/444 - 0-0.1m bss, over rocks, EU 2, sherd
 ✓ 54CB/441 - 0-0.2m bss, Among unstable rocks, EU 2, chert
 ✓ 54CD/445 - 0-0.2m bss, Among unstable rocks, EU 2, b
 ✓ 54CA/412 - 0.43m bss, C level, EU 8, canon sample

Photos

- 6/21/13 53CA - wavy Area continued from page p1-13-55
- ✓ 53CM/444 0-0.1m bss, Among upper stones, EU 10+11, chert.
- ✓ 53CM/445 0-0.2m bss, Among upper stones, EU 12, 1st level
- ✓ 53CC/420 0-0.2m bss, Among upper stones, EU 30, Animal bones
- * 53CL/414 - 1st level, EU 12, Shards, chert, obsidian
- * 53CL/415 1st level, EU 12, Shards, chert
- ✓ 53CM/446 0.2-0.5m bss Among upper stones, EU 10, 1st level
- ✓ 53CC/421 0-0.3m bss Among upper stones, EU 10, 1st level
- ✓ 54CA/443 - 0-0.4m bss, Among upper rocks, EU 7, Animal bone, chert
- ✓ 54CA/444 - 0.4-0.6m bss, EU 8, in dirt next to rock, Shards
- ✓ 54CA/445 - 0.2-0.4m bss, in dirt next to stones, EU 6, Animal bone
- 6/24/13 53CC/422 - 0-0.3m bss in earth Among upper stones EU 31, b
- ✓ 54CA/445 - 0-0.3m bss, EU 6, Among dirt + upper rocks, 1st level
- ✓ 54CA/446 - 0-0.2m bss, EU 13+14, in dirt above rocks, 1st level, Animal
- 6/25/13 54NA/447 - 0.3-0.5m bss, 0.5x0.5m pit, Shards
- ✓ 54CB/448 0-0.4m bss Among large rocks, chert, EU 3
- ✓ 54CC/449 0.2-0.4m bss at rock floor in EU 2, Animal bone
- ✓ 54CA/447 0.2-0.4m bss, EU 9, Shards
- 6/26/13 54CA/448 - 0.4-0.6m bss, EU 8, Shards, obsidian, chert
- ✓ 54CA/449 - 0.6-0.8m bss, EU 9, Shards
- ✓ 54CA/449 - 0.7-0.8m bss, EU 9, Shards, obsidian
- ✓ 54CA/441 - 0.8-1m bss, EU 9, Shards, obsidian, above
- ✓ Around the lower rocks
- ✓ 54NA/450 0.3-0.5m bss in earth above stones, Shards
- ✓ 54NA/451 0.3-0.5m bss in earth above stone level, Shards
- 6/27/13 54NA/452 0-0.1m bss, 0.5x0.5m pit, above stone, Shards, obsidian
- ✓ 54NA/453 0.1-0.3m bss, 0.5x0.5m pit, above stone, Shards
- ✓ 54NA/454 0.2-0.4m bss, 0.5x0.5m pit, Shards
- ✓ 54CB/442 - 0-0.2m bss, EU 12, chert, obsidian, chert
- ✓ 54CD/441 - 0-0.1m bss, EU 2, Above rocks, Shards
- ✓ 54CD/442 - 0-0.1m bss, EU 1, Above rocks, Shards
- 6/28/13 54NA/455 0-0.1m bss, 0.5x0.5m pit, 0-0.5m bss, Shards
- ✓ 54NA/456 0-0.1m bss, 0.5x0.5m pit, 0-0.5m bss, Shards
- ✓ 54NA/457 0-0.1m bss, 0.5x0.5m pit, 0-0.5m bss, Shards
- ✓ 54CD/443 - 0.2-0.4m bss, EU 2, in section next to fill, chert
- ✓ 54CD/444 - 0-0.1m bss, over rocks, EU 9, Shards
- ✓ 54CD/445 - 0-0.2m bss, Among rubble next to EU 2, chert
- ✓ 54CD/446 - 0-0.2m bss, Among rubble next to EU 2, chert

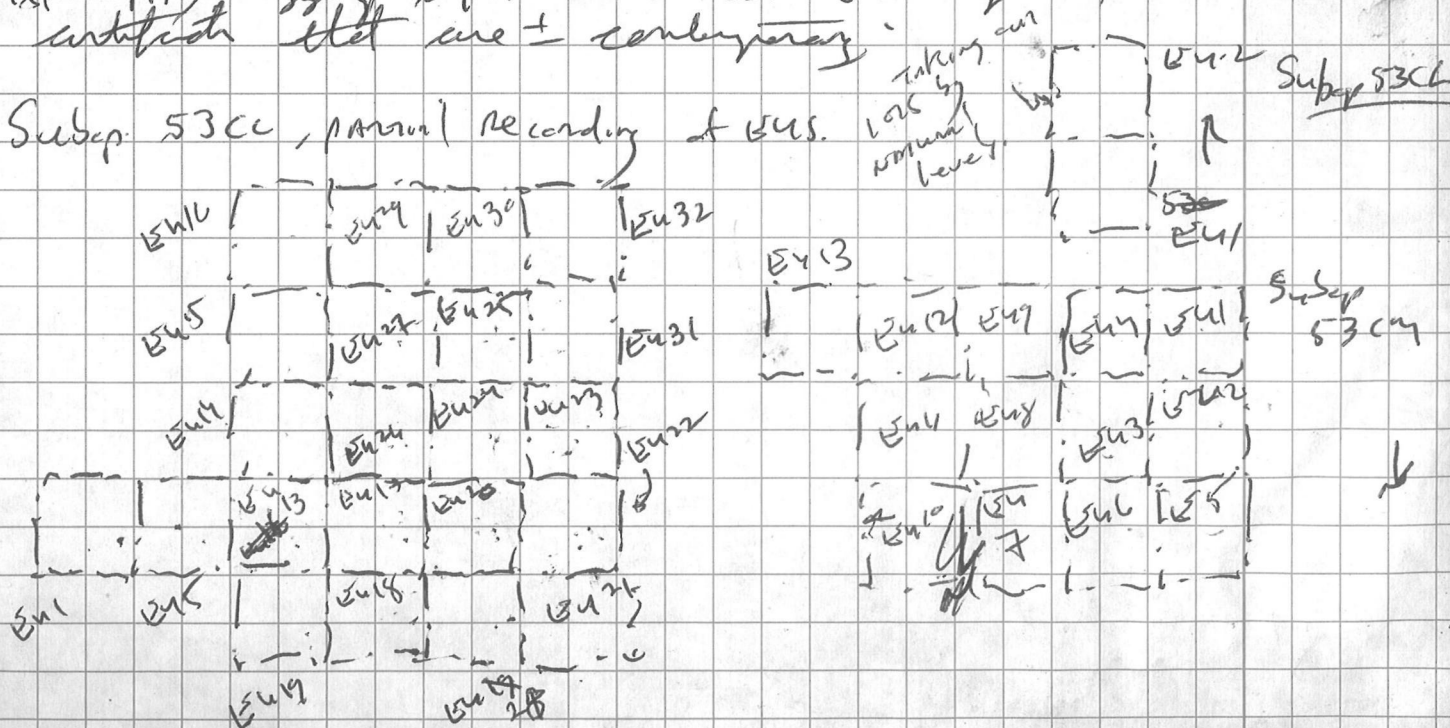
July 53cc (cont) - where we seem to have some pretty clear lines for what look like several connected platforms. We are more sure for this area yet only (53cc/817) - wondering if there could be a set of platform like this 372 and 373 but more substantiated.

July 54CA - Out about 0.2 m by 1 m in the E-west 1 x 1 m pit but a sandy level with many included small, rounded stones. A line running + N-S is running, set on this sand/rock level but does not run as all the way across the pit, stopping just short of the S trench wall. Very shallow "wall" made of rubble etc. probably flatter floor of one directed out to the E. Excavating 2, 1 x 1 m pits to the W., clearing dirt to look for platform in the stone, if there are any.



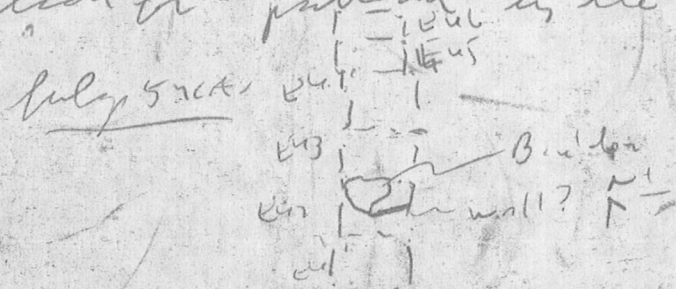
July 53CL Extending the trench 1 x 1 m with N of the 1st. At 1 m pit, digging in natural level to try and take out artifacts that are + contemporary.

Subep 53cc, partial recording of EUS.



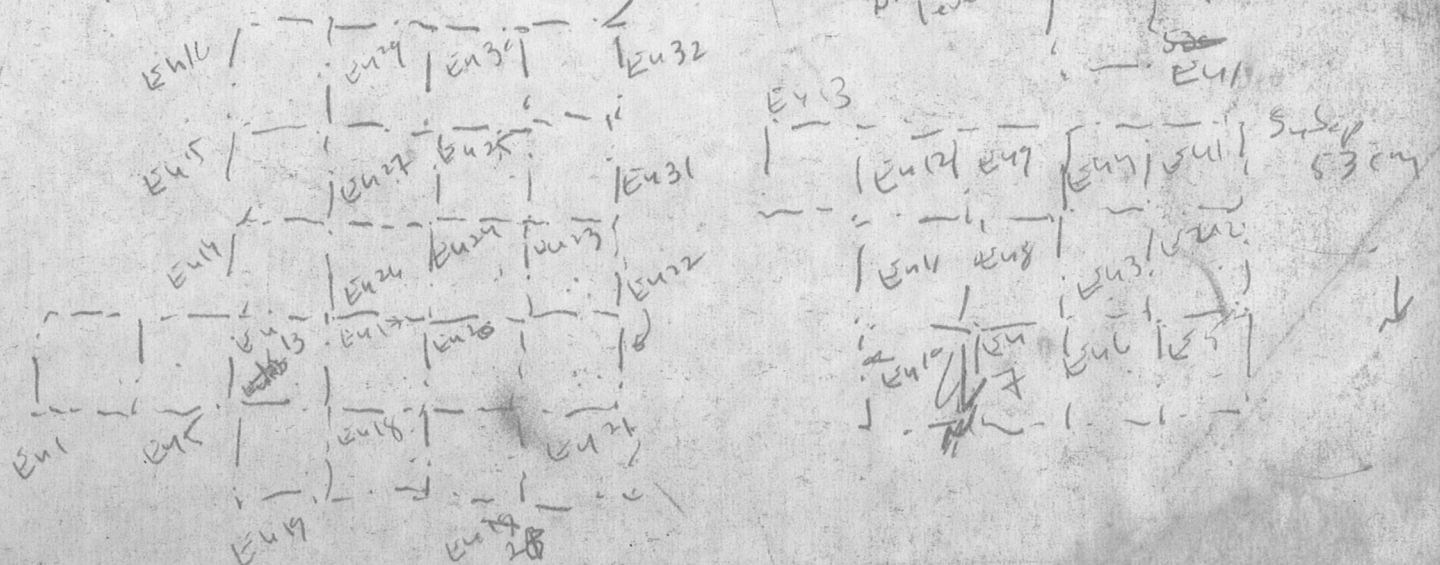
July 5300 (cont) - where we seem to have some pretty clear lines for what look like several connected platforms. We are more sure for this area yesterday (5300/417) wondering if this could be a set of platform like the 372 and 373, but more substantiated.

July 5300 - At about 0.2 m above the E-0557 1x1 m pit but a sandy level with very included small, rounded stones. A line running \pm N-S is increasingly set on other sand/rock level but does not run as all the way across the pit, stopping just short of the S track wall. Very shallow 'wall' made of rubble etc. probably blather faces of are directed out to the E. Encapsulating 2, 1x1 m pits to the W. clearing shot to look for platform in the stones, if there are any.



July 5300 Extending the trench 1x1 m to the N of the last 1x1 m pit, digging in natural level to try and stake out artificial that are \pm contemporary.

Subop 5300, partial recording of EUS.

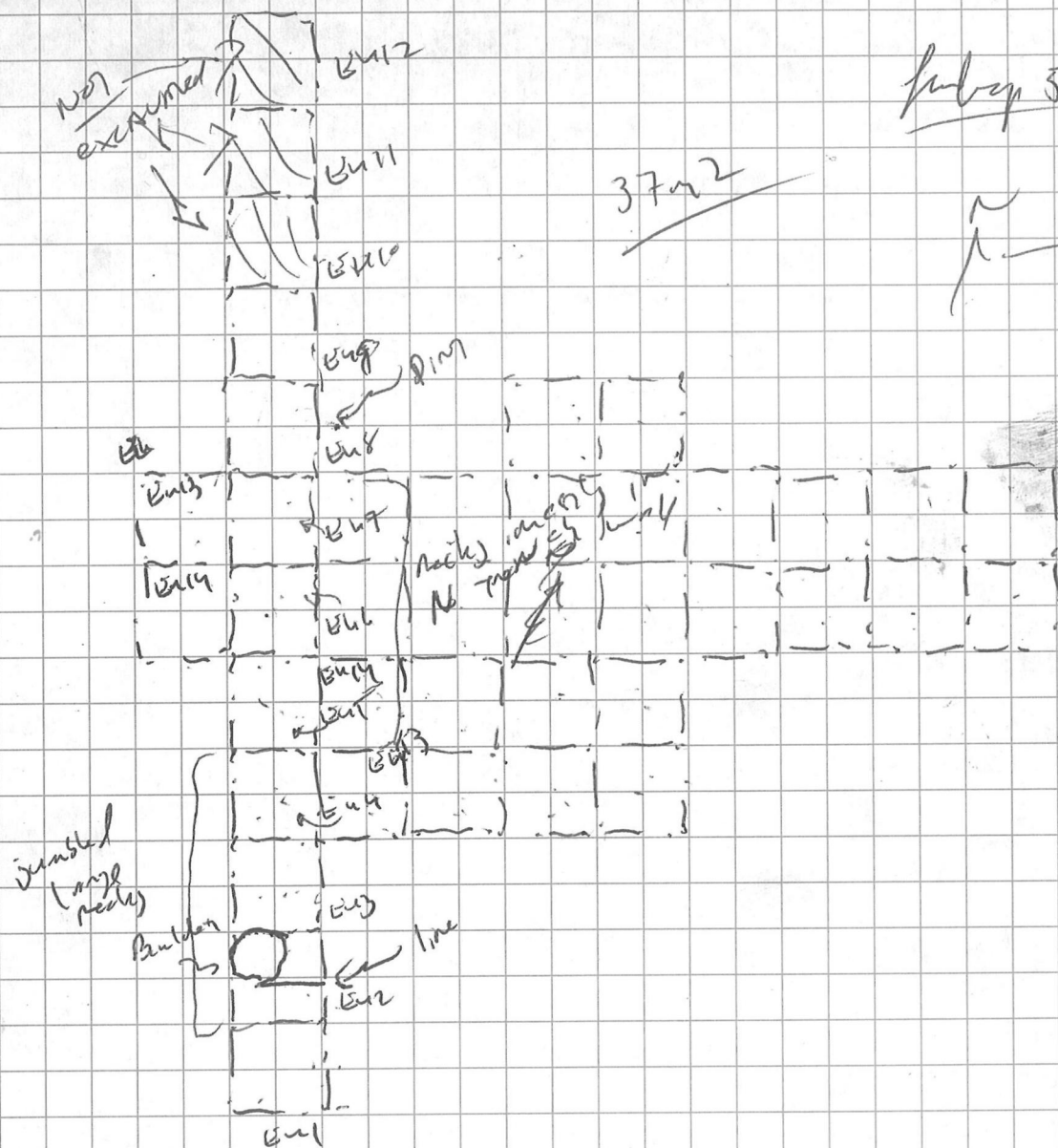


6/21/13

p1-13-57

Julap. 54 CA

Continuing the bench to the NW before removing
rocks to test for stone constructions:



Julap 53 cm - Stone wall cleared 12m² line and have
found a 1 m clear wall running ca. E-W. and standing
ca. 0.4 m tall made of rubble. This wall seemingly connects
with a N-S running construction which, in turn, is set
immediately against + E of set another wall. The first
line may be the N + S poles of a block of stone. The S.
side of which is tentatively identified as an area bounded by
dirt to the S. (the W. side has been covered by excavation -
S. side tentative construction is in the E. portion of the block
which, Eul 10-12, and is surrounded by stone. (Rubble mostly on

6/21/13

p1-13-97

July 54 CA

Continuing - the bench to the NW before reaching
reach to test for stone constructions.



July 54 CA

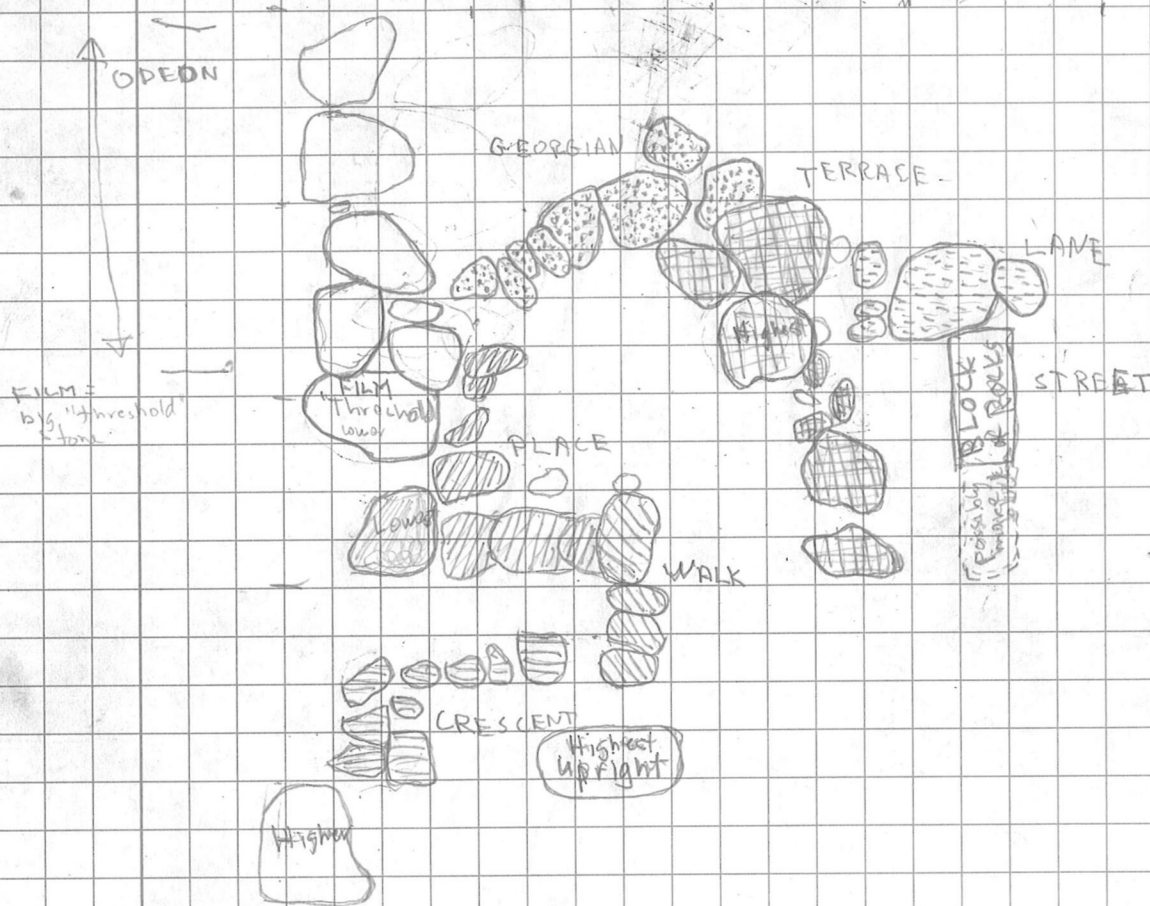
map 70
scale

July 53 CA - Stone wall cleared 12m² line only line
found a clear wall running ca. E-W. and standing
ca. 0.4m tall made of rubble. This wall seemingly corner
with a N-S running construction about 1m apart, is not
immediately against + E of set in the wall. The first
line may be the W + N. side of a block of stone. The S
side of which is tentatively identified in an area. The
shot to the S. (the W. side has been cleared separately
5. This tentative construction is in the E. part of the area
from E110-12 and is surrounded by rubble.

DP53 CL sketch plan of ~~the~~ WESTERN Area

scale: 0 100

not really to scale, "but close"



DP53 CC sketch plan of ~~the~~ WESTERN Area

scale: 0 100

not really to scale, but close



July 53cm (cont.) all sides, as though the area was filled with rock after burying earlier distinct construction. A shaped construction made of rubble and 1 piece of limestone with above on the hill + later later.

Perhaps the goal in this rocky area was to create extensive wear of surfaces paved with rock, changed in + around earlier construction, as the rock digging seems to be quite late. Very low antipodes (1st, 2nd, 3rd) near pressing of chest's

July 54cm - Excavation has been continuing, 5 ft mostly dirt (dark brown soil) in EUS, then largely typical in EU 7.

NOBO 6/24/13
July 54cm - 0.5 x 0.5m pit cut against the E. side of the center - N. side in the N. grid - no antipodes

July 54cm - 0.5 x 0.5m pit with state NOW5 on the N. E. corner, not not any antipodes

July 54cm - Added 2, 1 x 1m pits immediately SW of EU 6 + 7 (EU 6 + 13, respectively) to get cut beyond the stone concentration of rock in EU 6 + 7. The rubble in EU 6 + 7 appears to be sloping down down to the SW and we're trying to find the SW limit of the rubble. Possibly marked by a wall or other with digging through NW, no antipodes yet

July 54cm - 0.5 x 0.5m pit, NOW 10, stake. NW pit corner

July 53cm - Cutting down in EU 2 and the adjoining corner of EU 5 to get below the gravel that sits N. of a possibly hill retaining unit in EU 1. It seems that the gravel sits on a brown clay level. Construction are hard to recognize in this area as there seems to be a stone platform on the SE segment (EU 10-12) possibly abutting another comparable construction to its SW of which only the NE line is visible. Otherwise any "walls" or exposed use fairly subtle and may be hill retaining units that run for a short distance.

Look into 2 phases of construction (maybe 3) -
① The platform; ② Filling in the July 53cm area up to the platform's top; ③ Building of the later late wall or wall line that sits on the stone hill.

July 53C2 (cont.) all sides, as though the area was filled with rock after burying earlier distinct architecture. A steeply ascending road/collar and 1 piece of limestone pit above on the hill + ladder later.

July 53C3 - The goal in these rocks, even was to create extensive areas of surfaces, paved roughly with rock, changed in. Large earlier construction, as a stone rock dump, seems to be quite late. (I don't know) several pieces of chert & very few artifacts.

July 54C1 - Excavation here are continuing. It is mostly dirt (dark brown soil) in E48, then largely types in E47.

NO E0 6/24/13
July 54C2 - 0.5 x 0.5 m pit set against the E. side of the center state in the N. grid - no artifacts.

July 54C3 - 0.5 x 0.5 m pit with state N0W5 on the N. corner, not not any artifacts.

July 54C4 - Added 2 1x1 m pits immediately SW of E46+7 (E46+7 + 13, respectively) to get cut beyond the dense concentration of rocks in E46+7. The collar in E46+7 appears to be sloping down down to the SW and we're trying to find the SW limit of the rock possibly marked by a well on the side with digging through several no artifacts yet.

July 54C5 - 0.5 x 0.5 m pit, N0W10, state, and pit corner.

July 53A4 - Cutting down in E42 and the adjoining corner of E45 to get below the gravel that runs N of a possible hill retaining unit in E41. It seems that the gravel runs on a brown clay level. Construction the hard to recognize in this area as there seems to be a stone platform on the SE segment (E44 10-12) possibly abutting another comparable construction to the SW of which only the NE line is visible. Otherwise any "walls" or opposed use probably rather small and may be hill retaining units that run for a short distance.

Look into 2 phases of construction (maybe 3) -
① The platform ② Filling in the July 53A4 area up to the platform's top ③ Building of the later late and a wall line that runs the entire hill.

PI-13 ~~103~~
102

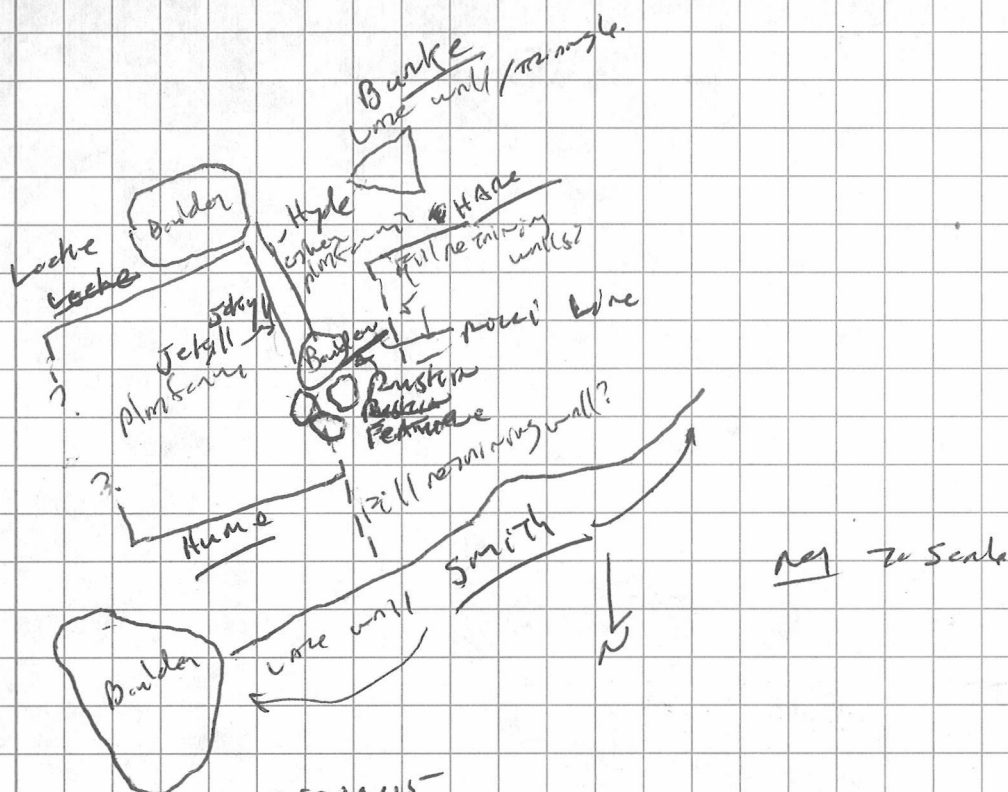
line

to

ch

to

July 83 Am



July, ~~st~~^{now is}, No, wis = NW corner:

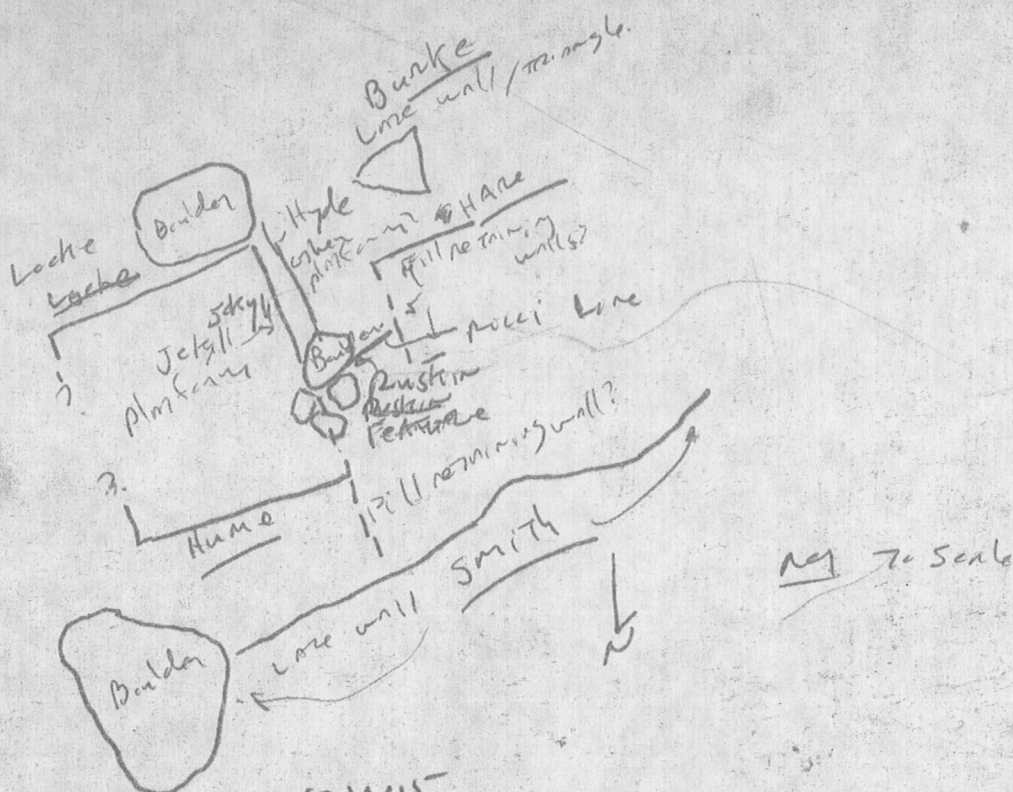
July 54 CB - 1m wide E-W. & 1m (less) 2m long N-S. set against
the N. side of the ~~the~~ store feature that lies immediately
N. of H. 339.

the July 54CC - inside - @ - w. beach set on against the
S. side of th. 339 in an area that on the surface,
looks to lack the dense concentration of sea rocks
near on the surface to the W.

6/25/13

Drainers will place the major features in July 53. A
4 crews working in July 54 CB, CC, and N/E/W. One should
come out at the head of the last of these but we're
also getting close to the head of the terrace steps
which the SB Group puts in the architect may be
washing down for that aggregate.

July 53A



July 54CB, No, WIS = NW corner.

July 54CB - 1m wide E-W. x at least 2m long N-S. set against the N. side of the store feature that lies immediately N. of Th. 377.

July 54CC - 1m wide E-W bench set against the S. side of Th. 377 in an area that on the surface looks to lack the dense concentration of rocks seen on the surface to the W.

6/25/13

* Drawing a 1:20 plan of the major features in July 53A. 4 crews working on July 54CA, CB, CC; and N/E/W. Were stuck coming out at the base of the last of these but were able to get close to the base of the terrace step which the SE group put so the artifact may be washing down the last aggregate.

July 54CB - at ca. 0.4m bgs. but a stark soil change to a yellow-brown fine clay that looks to put like the rest of clay used to make furnaces in our experiments - possibly the furnaces were made from this clay?

July 54CC - at about 0.4m bgs. but at a level of wall to medium-size stones.

July 54CA - Siding out what looks to be fallen rock in 54CF Flushing for brick

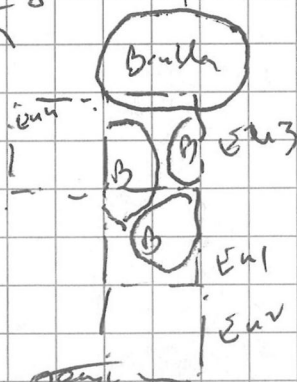
July 54CB - looks like a line of very large boulders run across the trench at an angle. Still no artifacts.

July 54CC - They have a corner in Euf. all no, do the stone found as Eur one well below the putative corner which sits on dirt over the rock.

Helong
Rm 100
night per
change heavy-
light 3:30pm
ca 6:30a

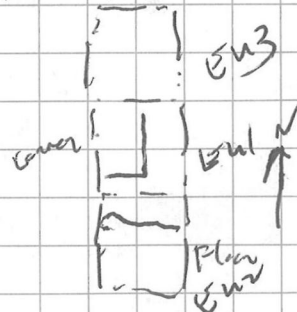
July 54CB

Almost all bgs, boulders are emerge out of the trench, then along with some large rubble - few medium to small stones. The stone seem to rest on the yellow-brown soil.



July 54CC

At the same level as the floor is Eur and below it is what seems to be the same light brown/yellow-brown fine clay.



very in July 54CB - looks like good clay for making ceramics

July 54CB - at ca. 0.4m bgs. but a stark red clay to a yellow-brown fine clay that looks to put like the rest of clay used to make furnace in our experiment possibly the furnace were made from this clay?

July 54CC - at about 0.4m bgs. but at a level of wall to medium - size stones.

July 54CA - Siding out what looks to be fallen rock in 54CF looking for brick

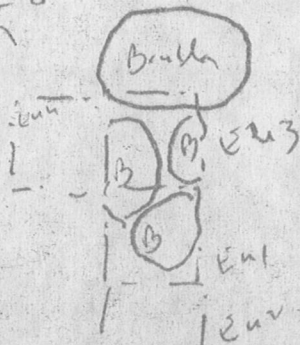
July 54CB - looks like a line of very large boulders run across the trench at an angle. Still no artifacts

July 54CC - They have a corner in Eur. All no, etc. the stone found in Eur are well below the putative corner which sits on just over the rock

July 54CC
right not
light brown
ca. 6:30 - 3:30 PM

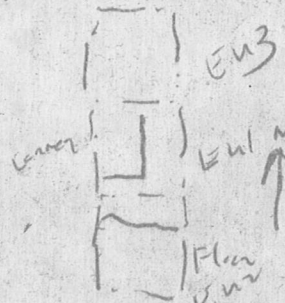
July 54CB

Almost all by boulders
one corner out of the trench, then
ding with
rare
large
cobbles
few medium
to small
stones
The stone seem
seem to
rest on the
yellow-brown soil.



July 54CC

At the same level in the
floor in Eur and below it in
what seems to be the same
light brown/yellow-brown fine
clay
seen in
July 54CB
looks like
good clay
for making
ceramics



6/25/13 (continued)

bulge 54CB specimen - size collar wedged in and around the
 couldn't to keep them in place?

but like there may be a pavement made/
 large stones off the corner, out in EUS.



bulge 54CC - still clearing here looking for
 lines. No outcrops

bulge 54CA - possible stone 'log', the w. side
 defined by an upright limestone rock, may be
 coming out at the base / EUS.

6/26/13

bulge 54CA - stone showing up in EUS is but at 0.2-0.4 mbs
 (54CA/887) but in greater size and number at 0.4-0.6 mbs
 in EUS - 9 (54CA/888). The lot 54CA/887 stone are
 very small but that there in 54CA/888 are not large
 but larger and better preserved. also found one
 obolus (1 piece - possibly perlit) in the lot. lot
 seem to be changing to a sandier matrix at
 about 0.4 mbs.

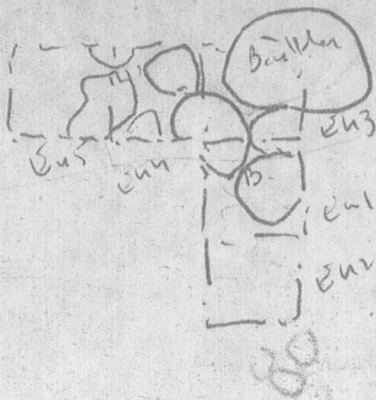
Change the above. EUS is about 1/2 mbs +
 1/2 mbs or less the sand being in the n. portion -- the
 sherd and other artifacts seem to be coming
 mostly / all from the sand.

but like there was a pit or natural depression in
 the EUS, most visible on the w. truck wall. This
 depression is filled with relatively coarse sand and
 is underlain by a hard dense grey-brown clay like
 that seen in the lower levels of 530E. bulge 53CL.

bulge 54CB - Continued clearing E of the large boulder
 at the center of the excavation (FERTES) along the
 apparent stone line of Marchmont - photographed both
 today. Marchmont seems to be detouring moving E. but
 some of the line are still visible. It may be that a
 the large rock found n. of FERTES originally stood
 upright and have since fallen over. FERTES, so may have

6/25/13 (continued)

July 59CB specimen size rubble washed in and around the boulder to keep them in place?
 Look like there may be a parent node / large stone of the coming out in EU5.



July 54CC - still clearing here looking for lines. No outcrops

July 54CA - possible stone box? The wall is defined by an upright limestone rock, may be coming out at the base / EU9.

6/26/13

July 54CA - stone clearing up in EU9 is but at 0.4m by 0.4m (54CA/1117) but in greater size and material at 0.4m by 0.4m in EU9 - 9 (54CA/1118). The lot 54CA/1117 should be very small but there is 54CA/1118 are not large but larger and better preserved. Also found some obsidian (1 piece - possibly perlite) in the lot. Most seem to be changing to a sandier matrix at about 0.4m by 0.4m.

Change the above. EU9 is about 1/2 sand + 1/2 silt or clay. The sand being in the center - the shards and other artifacts seem to be coming mostly / all from the sand.

Look like there ~~was~~ a pit or natural depression in the EU9, most visible on the W. truck wall. When depression is filled with relatively coarse sand and is underlain by a hard dense grey-brown clay like that seen in the lower levels of 53CB. July 53CB.

July 59CB - Continued clearing E of the large boulder at the center of the excavation (F-00105) along the apparent stone line of MARCHMON - photographed both today. MARCHMON seems to be determined moving E but ~~the~~ ^{the} line of the line are still visible. It may be that the large rock found in the F-00105 is originally upright and has since fallen over. F-00105 is now in the

6/26/13 (cont.)

p1-13-14

July 54CB (cont.) bear part of a construction that, including itself, consisted of 3 large boulders set and enclosing a space open on the NW. The artifacts to speak of.

July 54C -- still clearing along the str. 5' or trying to pick up pattern in the rock. Two lines are showing up + were heading down.

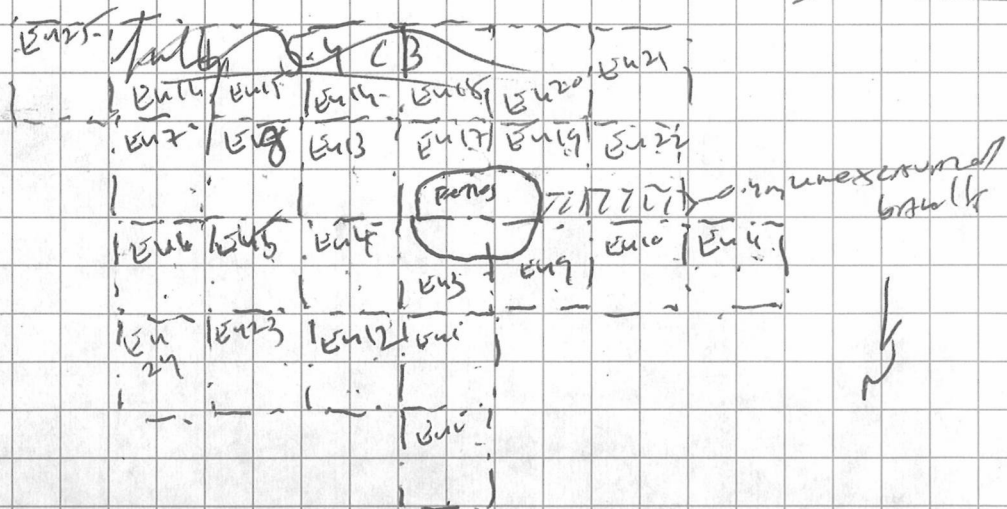
Added 2 new guys to the crew today (Shyiel + Alan) and they went to work with Jimmy + Luciano (?) digging test-pits in the grid. 2 of these pits (54N45 & E at 54N54 & E) yielded a few shards at 0.3-0.5m bss above stones, 9 or 10 stones in 54N54 area (at the base) are flat craggy + uniform enough in size / small cobbles to have been part of a floor. We hope to test this in time.
 *Penin-shermit
orange-lab
w/ish
relatively
flooded
the pits*

Nothing we've found so far in the op. 54 excavation points to appear working here.

6/27/13

July 54CD - a line E-W x 3 or long N-S track dug into the N. side of the near the NW corner aligned to a summit line that looks + ok

25m2



6/26/13 (cont)

p1-13-14

July 54CB (cont) been part of a construction that, including itself, consisted of 3 large boulders set as end + enclosing a space open on the WNW. The artifacts to speak of.

July 54CC - still clearing along the str. 3 ft. trying to pick up patterns in the rock. Some lines are showing up + were tracing them.

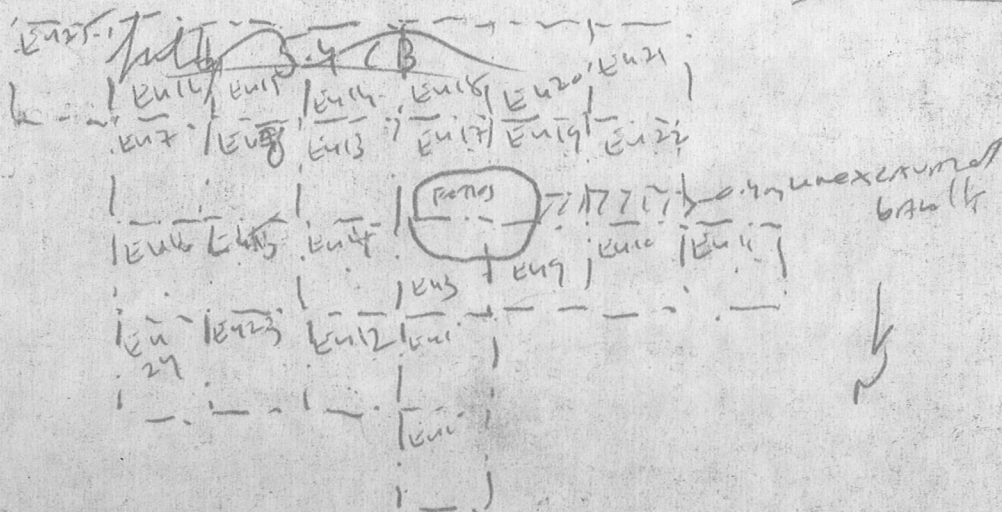
Added 2 new guys to the crew today (Miguel + Alan) and they went to work with Perry + Luciano (?) digging test-pits in the grid. 2 of these pits (54N45 & E at 54N50 & E) yielded the few shards at 0.3-0.4m bss stone stores. 9 or 10 stores in 54N50 area (at the base) are flat crumb + uniform enough in size (small cobbles) to have been part of a floor. We hope to test this in time unless.

Nothing we've found so far in the op 14 excavation points to support anything here.

6/27/13

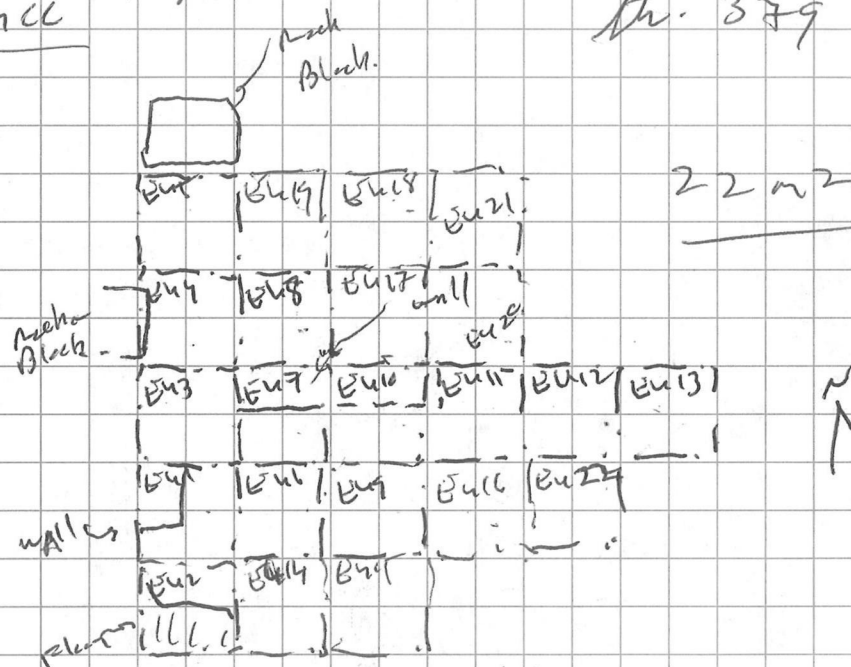
July 54CD - a line E-W x 3 or 4 long m-s. track dug into the N. side of the near the new corner aligned to a summit line that looks + ok

25m2



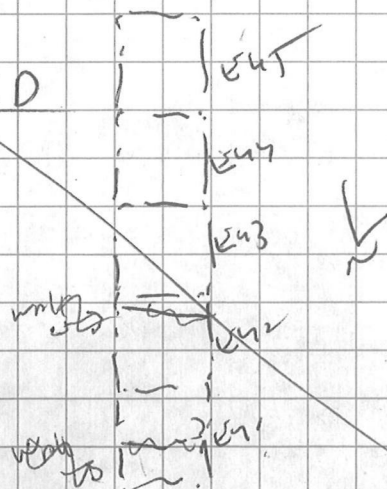
July 54CA - Grogg laterally on the "mount" - Excavating
 BU 13 + 14, 1x1m pits immediately E of BU 4+5, respectively.
 In July 54CB we have dug BU 1-9 but not 10-12 so
 far at least. The stones are ~~for~~ during sleep
 in BU 8+9; no clear construction. The
 sherd found in BU 9 mostly seem to come from
 the sand in the NW portion of the BU where a
 pit filled with sand seems to be located.

July 54 test pits - Sand artifacts in July 54
 54N 55PE and 55N 54PE, part of a trend for varying
 artifact frequencies in the area N.
 July 54CC th. 379



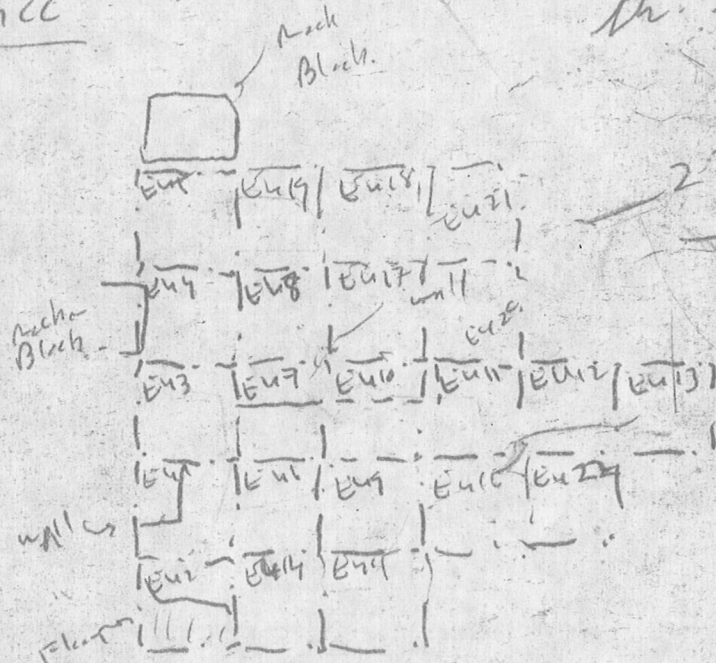
July 54CB - 1x4m trench at the S. end of th. 379.

July 54CD

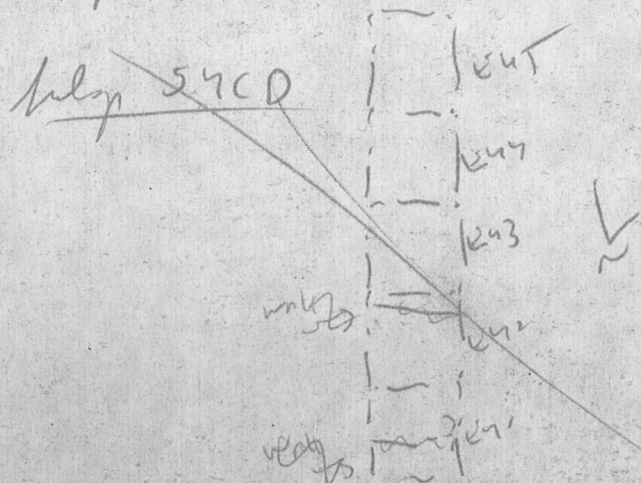


July 54CA - Grog laterally on the 'mount'. Excavating
 EU 13+14, 1x1m pits immediately E of EU 4+5, respectively.
 July 54CB we have dug EU 11-9, but not 10-12 as
 far at least. The stones are so dirty they
 are EU 8+9. No clear construction. The
 slender found in EU 9 mostly seem to come from
 the sand in the NW portion of the EU where a
 pit filled with sand seems to be located.

July 54 test pit - Sand artifacts in July 54
 54N 54PE and 54N 54PE, part of a test pit was wearing
 artifact fragments as we were N.
 July 54CC Th. 379



July 54CE - 1x4m trench at the S. end of the 379



28 June 2013

P1-13-16

In order to assess soil differences, we took 2 cup samples from the locations noted below. We concentrated on deposits that to us looked like clay. The letter designations refer to levels recorded and named on the test pit section drawings.

QP 54 N 20 E 0 C level

QP 54 N 15 E 0 C level

QP 54 N 0 W 35 E level

QP 54 N 0 W 30 D level

QP 54 N 40 W 10 B level

QP 54 CA North End of trench D level

QP 54 CA North End of trench C level

These will be cleaned of roots, insect, and stones over 2-3 mm. They will then be packed in Ziploc snack sized boxes - the ones used to collect the 2 cup/400 ml samples. After the samples dry, they will be fired @ Villa Julia, in the fire pit, after which they will be ~~the~~ carried to the US.

9 July 2013

Continuing to take Soil Samples

53 CA South Face, West End

84 cm BGs

65 cm BGs

45 cm BGs

middle: immediately under PLUMED surface
immediately under ELEPHANT horn deposit
around WAVERLEY horn pieces

TO PAGE 87

28 Jun 2013

p1-13 16

In order to assess soil differences, we took 2 cup samples from the locations noted below. We concentrated on deposits that to us looked like clay. The letter designations refer to levels recorded and named on the test pit section drawings.

QP 54 N20 E0 C level

QP 54 N 15 E0 C level

QP 54 N0 W 35 E level

QP 54 N0 W 30 D level

QP 54 N40 W10 B level

QP 54 CA North End of trench D level

QP 54 CA North End of trench C level

These will be cleaned of roots, insect, and stones over 2-3 mm. They will then be packed in Ziploc snack sized boxes - the ones used to collect the 2 cup/400 ml sampler. After the samples dry, they will be fired @ Villa Julita, in the fire pit, after which they will be carried to the US.

9 July 2013

Continuing to take Soil Samples

53 CA South Face, West End

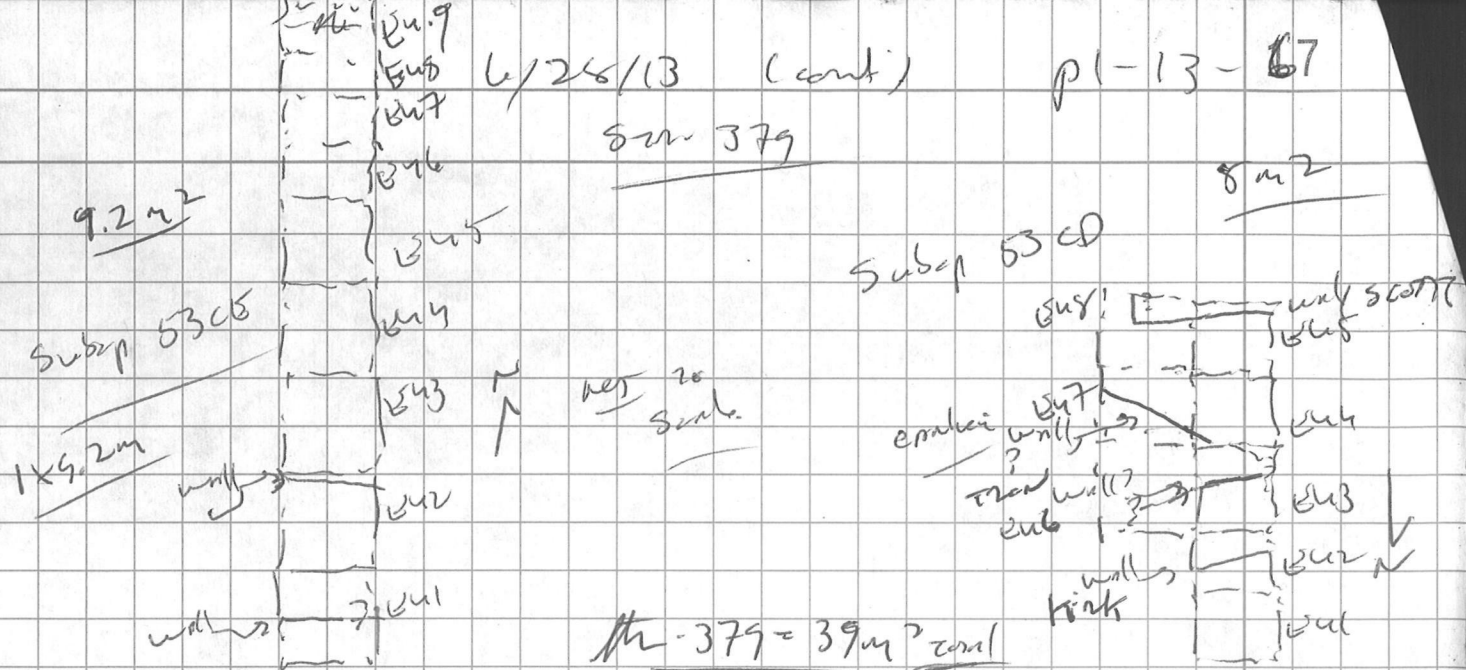
84 cm BGS

65 cm BGS

45 cm BGS

middle: immediately under PLUMED surface
immediately under ELEPHANT horns deposit
around WAVERLEY horns pieces

TO PAGE 87



7/1/13

Cloudy morning, rained out at lunch. -- Pretty much raining steadily since 11:45 am. Paths were flooded on the upland after very heavy rain a fairly deep channel cut and gravel, partly from our backhoe piles, into the excavations. Looked like an expropriated stream run from July 54 CA down to str. 379 depositing lots of earth and some gravel over the 53CB excavations (the large boulders). I can see how the sand & gravel deposits we've been finding were deposited here.

July 54 GA - Continued lateral clearing -- there may be a line of 3 rock blocks (concentrations of stones in + adjacent squares or a semi-circle) running N-S. Could there be post supports? Possibly they are ended up in an extremely pored surface that was roofed even if it had no standing walls.

July 54 CB - Found several pieces of ludian and a piece of shag in finishing excavations here -- all pretty high up. Digging down NE of PBTES encountered more large (but not massive) stones, their tone is a very rough lime. small slip here.

July 379 (July 54 CC, 54 CD, 54 CE) Uncovering what looks like tenon joining on the platform. W. side is July 54 CD + 54 CE. On str. 5. (July 54 CC) it

6/26/13. (cont)

pl-13-67

SM-379

8m2

9.2m2

Subp 53CE

1x9.2m

Subp 53CD

Subp 53CB

res to Subp

th-379-39m2 cont

7/1/13

MORNING

Cloudy morning, rained out at lunch. - Pretty much raining steadily since 11:45 AM. But were flooded over the weekend after very heavy rain. A lot of debris dumped dirt and gravel partly from air lockblast piles into the excavations. Then lots of air compressor stream from Subp 54CA down to the 379 depositing lots of earth and some gravel over the 53CB excavations (the large boulders). I can see how the hard gravel deposits we've been finding were deposited here.

July 54CA - Continued lateral clearing the way to a line of 3 rock blocks (concentrations of debris in + coherent squares a a very wide) running N-S. Could this be part of upper? I only the the ended up on an extremely paved surface that was rough even if it had no standing water.

July 54CB - Found several pieces of debris and a piece of slag in finishing excavations here - all pretty high up. Digging down to PETTES uncovered more large (but not massive) stones, there were in a very rough line. small step here.

Subp th-379 (Subp 54CE 54CD 54CE) the heavy into. Look like tenore forays in the plant in. and in Subp 54CD + 54CE on the 5 CE

6/7/13 SUCB/446 0-0.2m bgs, Among rubble, Eul, Shards

SUCB/443 0-0.3m bgs, Among rubble, Eul23, slag, obsidian

7/2/13 Nothing

7/3/13 SUCB/441, Eul3, 0-0.2m bgs Among rubble, slag, chert?

7/4/13 SUCB/442 Eul1, 0.2-0.4m bgs, base of construction, obsidian

7/5/13 S55W65/441 - 0-0.3m bgs, 0.5xc.5m pit Shards

53CN/441 - 0-0.1m bgs, 1xm pit, Shards, slag, bj, bone

53CN/442 0.1-0.2m bgs, 1xm pit, Shards slag, bj, bone

S55W64/441 0-0.3m bgs, 0.5xc.5m pit, bj, bone

S55W64/442 0.3-0.4m bgs, 0.5xc.5m pit, bj

S55W64/443 - 0-0.1m bgs, Eul2. Shards, bj

S64W65/441 - 0-0.3m bgs, 0.5xc.5m pit, bj, bone

53CN/444 0.1-0.2m bgs, Eul2 Shards, slag, obsidian, bone, chert

S64W65/442 - 0.3-0.5m bgs, 0.5xc.5m pit, Runways

8 July 2013

S55W50/001

53CN/005

50 LN/006

0-30 BGS: horno, possible shard

0-20 BGS, Eul3, hornos, tiesto, RJ;

ceramicas

0-20 BGS, Eul4; hueso; tiesto; RJ/horno
ceramica moderna - carbon 0.2m bgs in situ

0-0.2m bgs, Eul5, Shards, one Runway, slag, bone.

7 July 2013 53CN/447

S55W44/441

S55W44/442

S54W54/441

S54W45/441

S54W44/441

53CN/448

S54W44/442

S54W45/442

S55W44/443

S54W35/441

S55W45/442

S54W50/442

53CN/449

10 July 2013 53CN/449

53CN/441

S54W65/441

S54W44/441

S54W55/441

0-0.1m bgs, 0.5xc.5m pit Shards

0.1-0.3m bgs, 0.5xc.5m pit Shards

0-0.3m bgs, 0.5xc.5m pit Shards

0-0.3m bgs, 0.5xc.5m pit Shards bone

0-0.3m bgs, 0.5xc.5m pit Shards

0-0.2m bgs, Eul5 Shards, chert, bj, bone

0.3-0.5m bgs, 0.5xc.5m pit Shards

0.3-0.5m bgs, 0.5xc.5m pit Shards

0.3-0.5m bgs, 0.5xc.5m pit Shards obsidian

0.3-0.5m bgs, 0.8xc.5m pit Shards

0.3-0.5m bgs, " " Shards

0.3-0.5m bgs, " " Shards

0.2-0.4m bgs, Eul5, bj, bone

0-0.2m bgs, Eul6, bj, chert Shards, Runway

0.2-0.4m bgs, Eul6, bj, chert Shards slag, bone

0.3-0.5m bgs, 0.5xc.5m pit, bj

0-0.3m bgs, " " Shards

0-0.3m bgs, " " Shards

6/7/13 540/446 0-0.2m bss, Among rubble, Eul, Shards

540/443 0-0.3m bss, Among rubble, Eul 23, Slay, obsidian

7/2/13 Nothing

7/3/13 540/441, Eul 3, 0-0.2m bss Among rubble, Slay, chert?

7/4/13 540/442 Eul 1, 0.2-0.4m bss, base of construction, obsidian

7/5/13 555 W 65/441 0-0.3m bss, 0.5xc.5m pit, Shards

53CN/441 0-0.1m bss, 1x1m pit, Shards, Slay, bj, bone

53CN/442 0.1-0.2m bss, 1x1m pit, Shards, Slay, bj, bone

555 W 65/441 0-0.3m bss, 0.5xc.5m pit, bj, bone

555 W 65/442 0.3-0.4m bss, 0.5xc.5m pit, bj

555 W 65/443 0-0.1m bss, Eul 2, Shards, bj

564 W 65/441 0-0.1m bss, 0.5xc.5m pit, bj, bone

53CN/444 0.1-0.2m bss, Eul 2, Shards, Slay, glass, bone

564 W 65/442 0.3-0.5m bss, 0.5xc.5m pit, Shards

8 July 2013

555 W 50/001

53CN/005

50 QM 1006

0-30 BGS: horn, 1 possible shard

0-20 BGS, Eul 3, horn, 1 shard, RJ

ceramica

0-20 BGS, Eul 4, hueso, 1 shard, RJ, horn

ceramica moderna - Among obs, 1 shard

9 July 2013 53CN/447

0-0.2m bss, Eul 5, Shards, one (rubble), Slay

bone

555 W 40/441 0-0.1m bss, 0.5xc.5m pit, Shards

555 W 40/442 0.1-0.3m bss, 0.5xc.5m pit, Shards

554 W 50/441 0-0.3m bss, 0.5xc.5m pit, Shards

554 W 45/441 0-0.3m bss, 0.5xc.5m pit, Shards, bone

554 W 40/441 0-0.3m bss, 0.5xc.5m pit, Shards

53CN/448 0-0.2m bss, Eul 5, Shards, chert, bone

554 W 40/442 0.3-0.5m bss, 0.5xc.5m pit, Shards

554 W 45/442 0.3-0.5m bss, 0.5xc.5m pit, Shards

555 W 40/443 0.3-0.5m bss, 0.5xc.5m pit, Shards, obsidian

554 W 35/441 0.3-0.5m bss, 0.5xc.5m pit, Shards

555 W 45/442 0.3-0.5m bss, " Shards

554 W 50/442 0.3-0.5m bss, " Shards

53CN/449 0.2-0.4m bss, Eul 5, bj

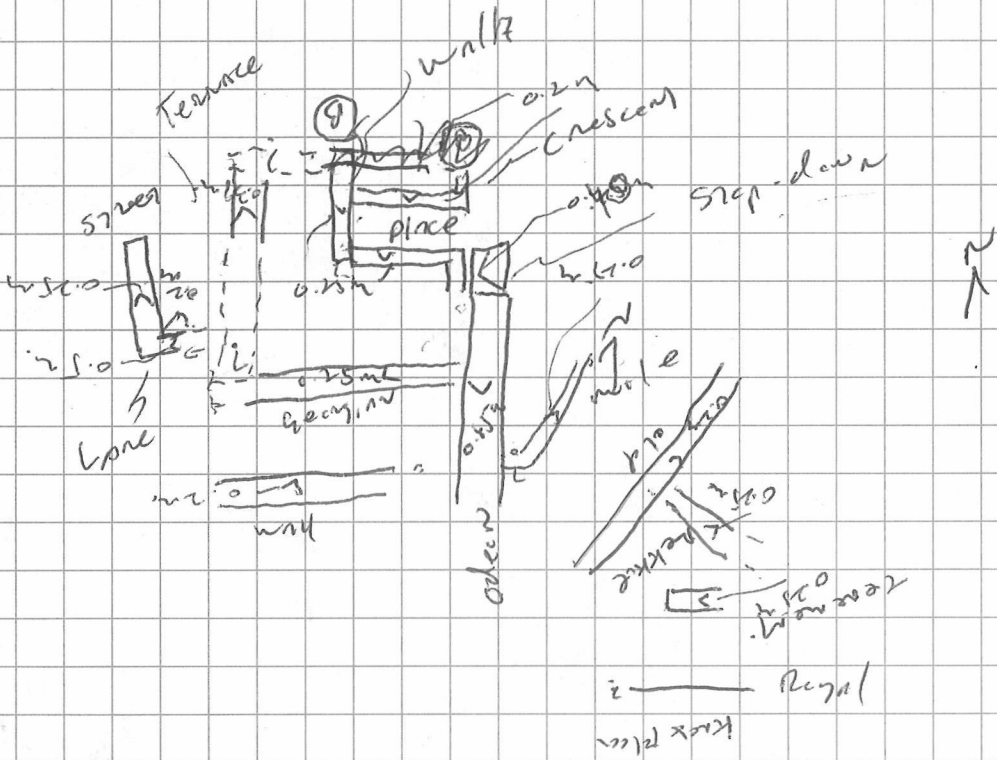
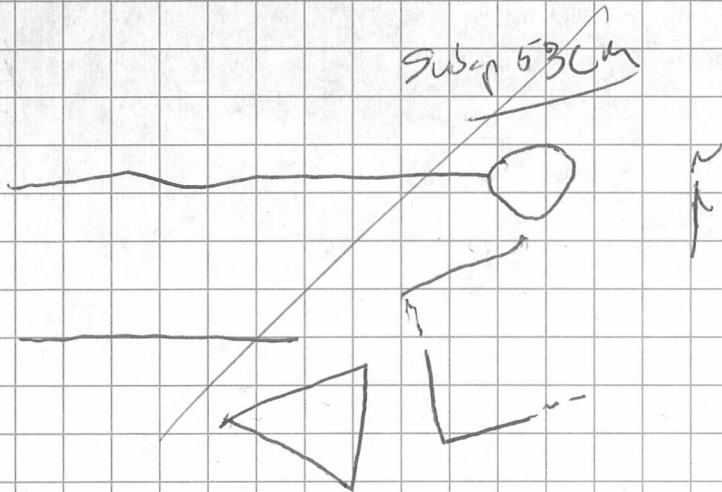
53CN/449 0-0.2m bss, Eul 6, bj, chert, Shards, Animal

53CN/441 0.2-0.4m bss, Eul 6, bj, chert, Shards, Slay, bone

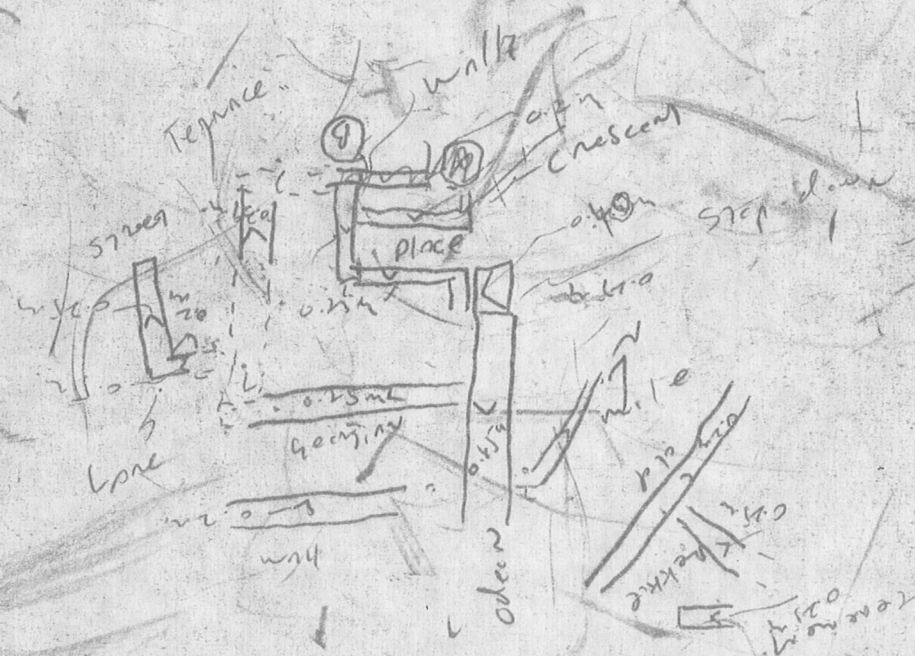
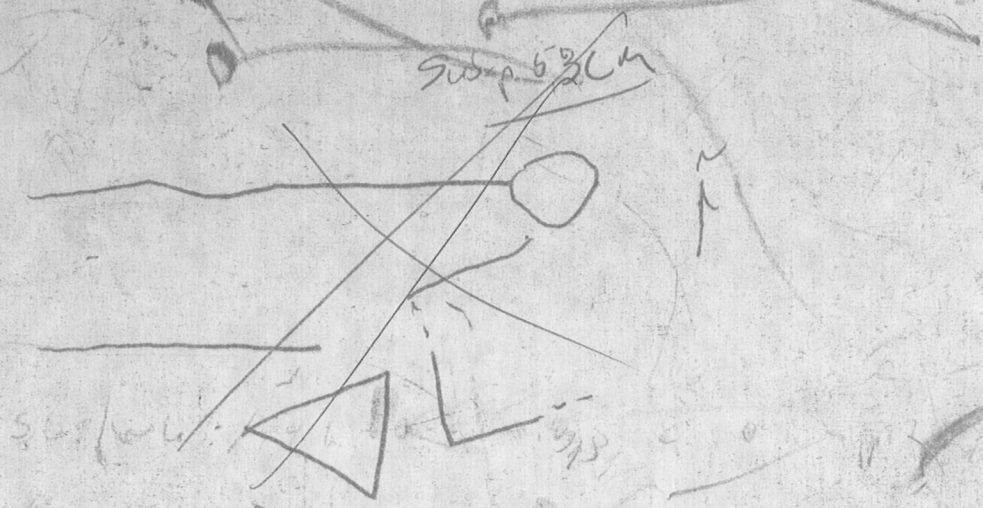
554 W 65/441 0.3-0.5m bss, 0.5xc.5m pit, bj

554 W 45/441 0-0.3m bss, " Shards

554 W 55/441 0-0.3m bss, " Shards



Holly road



Remains
Knox Hill
Regal

Hollywood

$x^{59} - x^{58}$ $x^{57} - x^{56}$

62
4-4 63

exon. limit - not a scale

Subp 53 cc

Not to scale.

24 d.c. m
line up w/ 27
29 + 30 m
line up w/ 24
10-42 m
d.c. m

65.0 m
27
0.25 m
27

27 5/16

~~292-370~~

30 - 378

107 5225

[illegible]

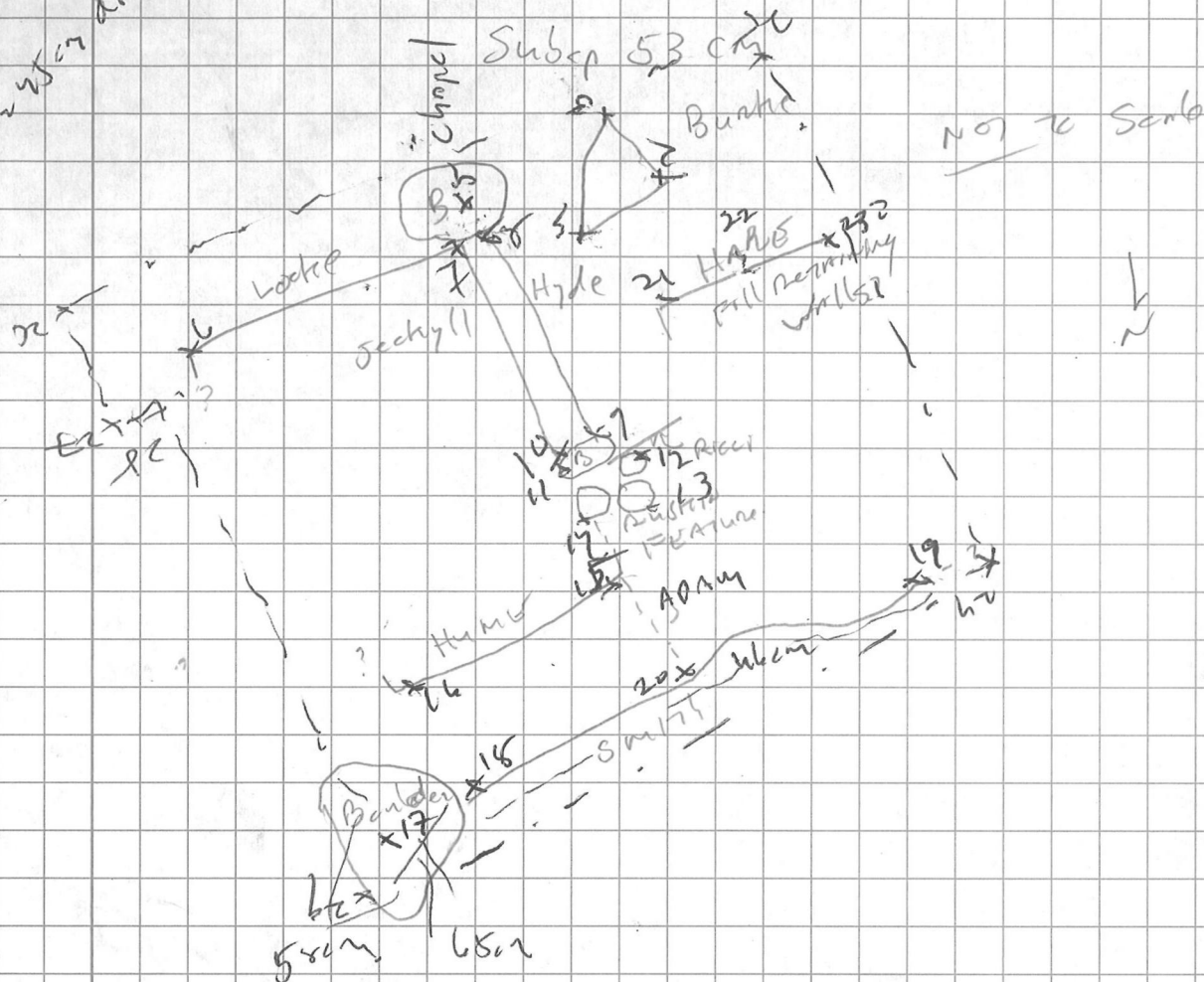
$7 \times 40 = 280$
 $280 + 37 = 317$
 317 pence
 1 kg 17 pence

$$\frac{46}{x} = -x + 18 \text{ Kmax}$$

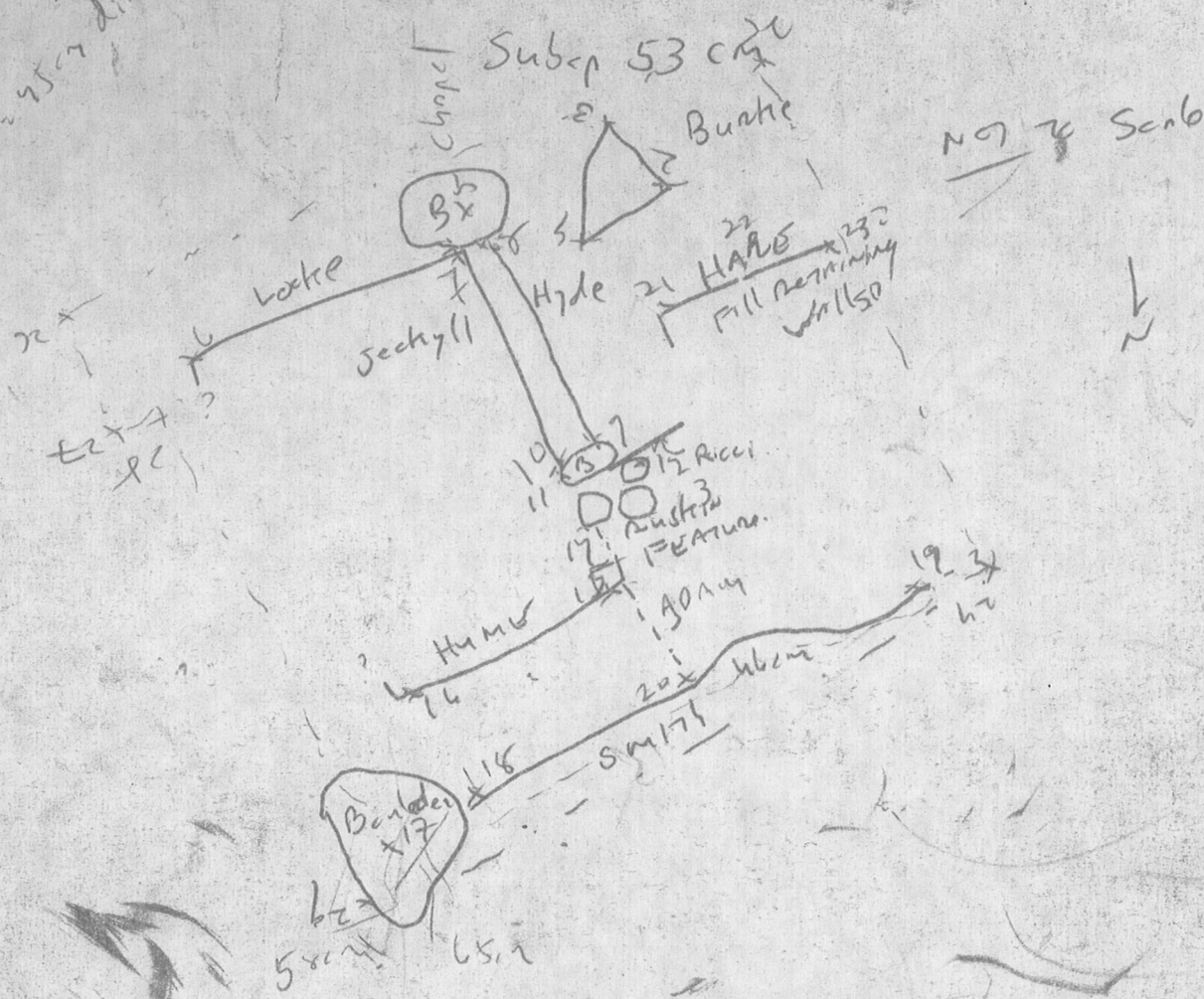
$\frac{x}{\sqrt{y}} = \frac{1}{\sqrt{y}}$

Back (14x) 4:30 dinner

5² = 25



5' x 5' dim



7/1/13 (cont.)

July 54CC (cont.) - room that there may have been a series of rock-blocks set on the platform summit and goes to the S. (at least). Following what may be the level line which runs E-W. -- pretty good line so far

Take a look at the --- in the floor NE -- looks like the 379 of a bit shorter. well try to test this building room.

that elevation is the ^{main} N-S. strike in the cp. 54 grid every the 10m along with the N-S. line of separated test pits (there are could see for the 54 536, strike where we had set up.

7/2/13

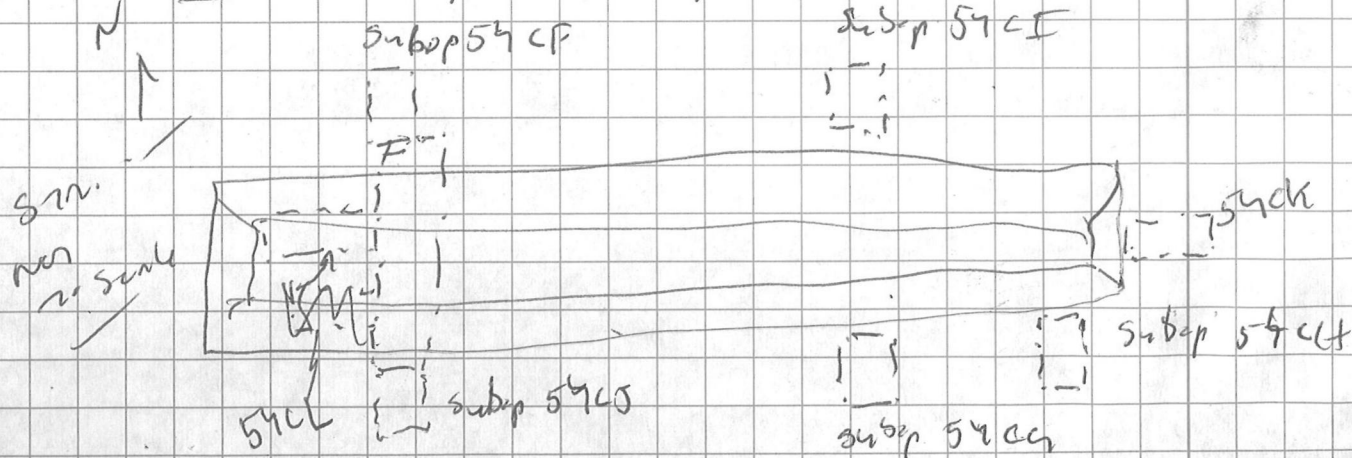
July 54CF - 1x -- on trench, N. side of the --- the for NE building in cp. 54. Walnut + Salazar's son

July 54CG - 1x -- on trench, S. side of the --- the for NE building in cp. 54. Jimmy + Lucie

July 54CH - 1x -- on trench, S. side, E end of the --- the for NE building in cp. 54 Miguel + Adan

July 54CI 1x -- on trench, N. side of the --- NE not in the cp. 54, opposite building 54CG. Peter + Kelly

July 54CJ - 1x on trench, S. side of the --- NE - not in the cp. 54, opposite building 54CF. 6 manually J & J



of small, cloudy, rain, high, through, night

7/1/13 (cont.)

July 54CC (cont.) - seems that there may have been a series of rock - blocks set on the platform's summit and open to the S (at least). Following what may be the level line which runs E-W. - pretty good line so far

Take a look at the — in the for NE — looks like str. 379 of a bit shorter. will try to test this building room.

that elevation in the ^{main} N-S. stela is ~~the~~ ep. 54 grid many the 20m along with the N-S E-W line of separated test pits (there we could see for the 536, 5380 where we had set up.

7/2/13

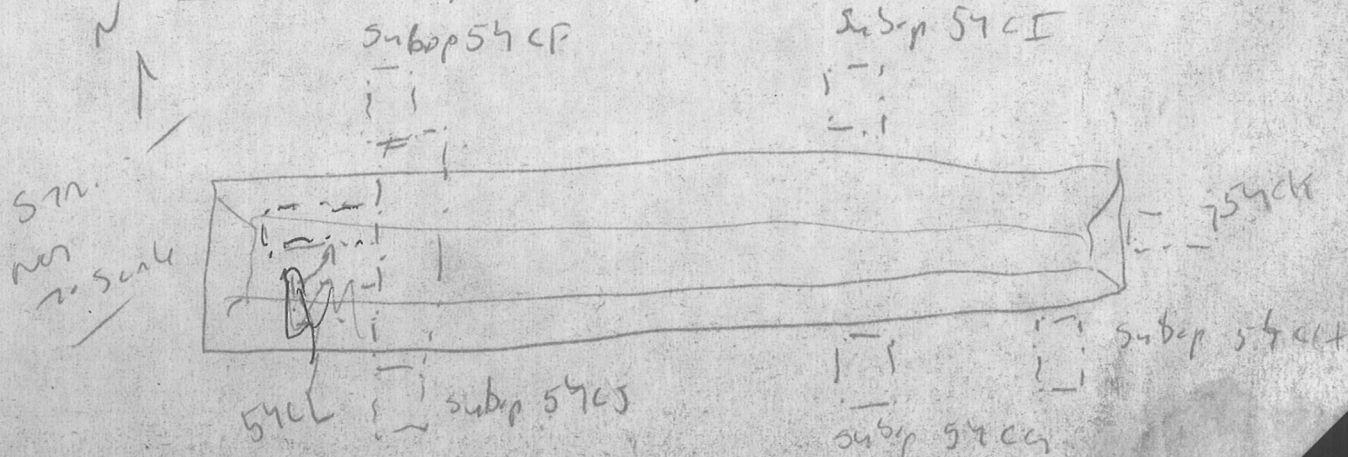
July 54CF - 1x — on track, N. side of the — the for NE building in ep. 54. without Subop's son

July 54CG - 1x — on track, S. side of the — the for NE building in ep. 54. Jimmy + Lucie

July 54CH - 1x — on track, S. side, E end of the — the for NE building in ep. 54 Miguel + Adrian

July 54CI 1x — on track, N. side of the — not str. in ep. 54, opposite July 54CG. - Koot Full

Subop 54CJ - 1x on track, S. side of the — NE - not str. in ep. 54, opposite July 54CF. 6 m. from J & K



Pulps 53cm. It looks like, however construction is
 here started. It ended up as an extensive, if
 relatively ill-defined stone surface made mostly
 of subber medium to large in size. The fill underlying
 this very rough surface is composed of small
 to medium - size subber. The small examples
 getting to gravel in size. This gravel is especially
 evident in the NW corner of the excavation.

H/A re

July 53cm. It looks like, however construction is
 here started, it ended up in an exposure, if
 relatively ill-defined, stone surface made mostly
 of pebbles medium to large in size. The hill underlying
 this very rough surface is composed of small
 to medium - size pebbles, the small examples
 getting to gravel in size. This gravel is especially
 evident in the NW corner of the excavation, where
 of there

July 54CE -- walk from S. to N.
 Basal wall - Prince Rock Black Lick N. Basal, P. 100
 Summit - Prince Deep Summit - Prince N. Summit - Prince

July 54CE S to N
 S. Surface - Close S. Rock Black, Charlotte -
 Step-cut - Hammer N. " " " Prince

July 54CE - N to S
 Basal, Rock 1st 2nd - T. 100 Summit - S. 100

July 54CE
 Basal wall S - museum Rock Black, Gallery

7/3/13

Rained out Tuesday 7/2/13 at 2pm and spending
 7/13 7/1/13 at 11:45am but had the whole day work
 day without rain today. Spent most of the
 day shooting in stone for test pits in the SW
 part of the Op. 54/53 area (mostly 9.53). Also
 shot in the test trench along the S. edge of 9.53
 and center points across the S. wall (from
 summit) the real. July 54CE shot in stone:
 July 53CB, CD, CE, CF, CG, CH, CI, CJ, CL.

It is the for NE (July 57CF, CG, CH, CI, CJ)
 continued study at point (much of the new work was
 putting a shelter over July 53CA) and stone
 with greater intensity, to be after 11am with very good
 back at work. July 54CE may have hit the basal N. wall
 July 54CE still clearing away to see if we can find
 the basal N. wall here though 2 upper walls / terraces
 have come out.

July 54CE may have had a rough stone surface -
 still looking for the S. edge. July 54CE may have hit
 a basal wall but still trying to clarify that situation.
 July 54CH may have a well running N-S. To go in
 S. basal wall but we still have to find.

I think it is that they are. does not have one
 orientation but several possibly, but as hypothesized
 for the 379, it was built of several formerly independent
 buildings that were later joined together.

July 54CE - work for S. - S. -
Basal wall ch. Rock Black Lick. N. Basal. Part
Summit - Prince Deep Summit - more N. Summit. Part.

July 54CE S - S.
S. Surface - Close S. Rock Black. Charlotte
Step-out - Hanger N. " " Prince

July 54CD - N - S
Basal - Kirk 1st zone - T. N. Summit - Scott

July 54CB
Basal wall S - Museum Rock Black. Gallery

7/3/13

Arrived out of ready 7/2/13 at 2pm and standing
7/13 7/1/13, at 11:45am but had the whole of work
day without rain today. Spent most of the
day shooting in stone for test pits in the S.
part of the op 54/53 area (mostly 53). Also
shot in the test bunker along the S edge of op 13
and center points across the S. side of
running the real. July 54CE shot in the
top of 53CB, CD, CE, CF, CG, CH, CI, CJ, CL.

It - in the for NE (July 54CF, CG, CH, CI, CJ)
continued slowly at first (much of the crew was working on
putting a shelter over July 53CA) and then
with greater intensity + nerve after 11am with very bad
look at work. July 54CI may have hit the basal N. wall
July 54CF still clearing away to see if we can find
the basal N. wall here though 2 upper walls / terraces
have come out.

July 54CJ may have hit a rough stone surface -
still looking for the S. edge. July 54CG may have hit
a basal wall but still trying to clarify that situation.
July 54CH may have a wall running N-S. To form a
S basal wall but we still have 1 found.

It may be that they are. does not have one
orientation but several possibly old or hypothetical
for the 379 it was built of several former buildings
buildings that were later joined to it.

July 54CR yielded the only adjecta today -- 2 small
pieces of upper jaw (54CR/111). Nothing else has come out
in 2 days of checking.

After Ely yesterday (7/2/13) put noted that the exposed
wall (tympanic membrane) of the 379 don't necessarily line up.
It could be as he suggests, that the 379 started out as
several separate buildings that were later joined to make one
extensive edifice, each segment retaining its own original
alignment. If Alejandro and Whitney have the time &
the weather holds, we might have them go back to the 379
and clear up some of these putative questions.

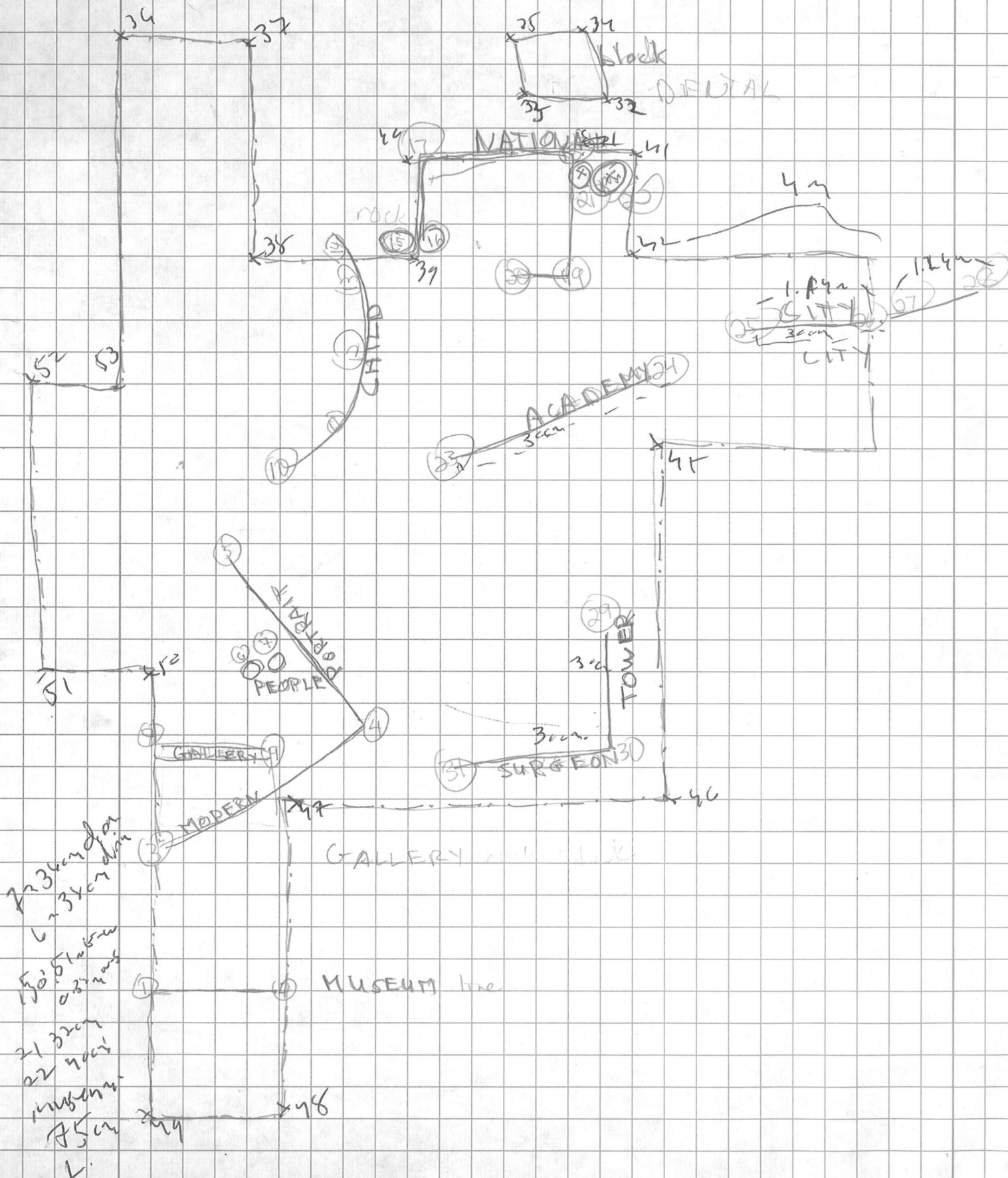
July 54 CF yielded the only artifacts today -- 2 small
pieces of copper slag (54CF/181). Nothing else has come out
in 2 days of digging.

Update Ely Yesterday (7/2/13) put notes that the exposed
wall/tyne line on the 375 don't necessarily line up.
It could be or the suggests that the 375 started out as
several separate buildings that were later joined to make one
extensive edifice, each segment retaining its own original
alignment. If Alexander and Whitney have the time +
the weather holds, we might have them go back to the 375
and clear up some of these putative questions.

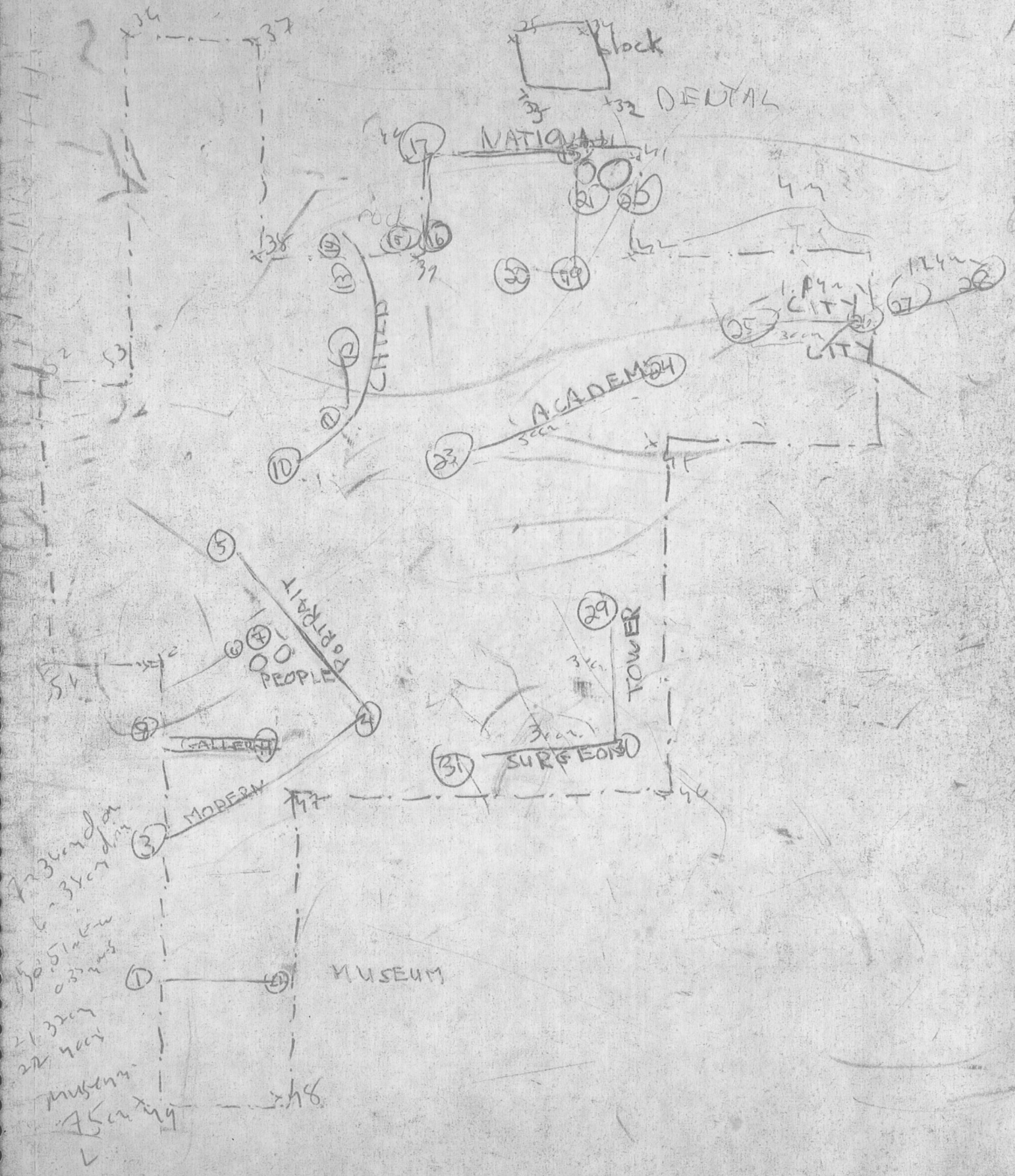
4 July 2013 OP 54 CA Plan Points sketch

p1-13-76

not to scale, not oriented to North



PI-13 28
PI-13 46



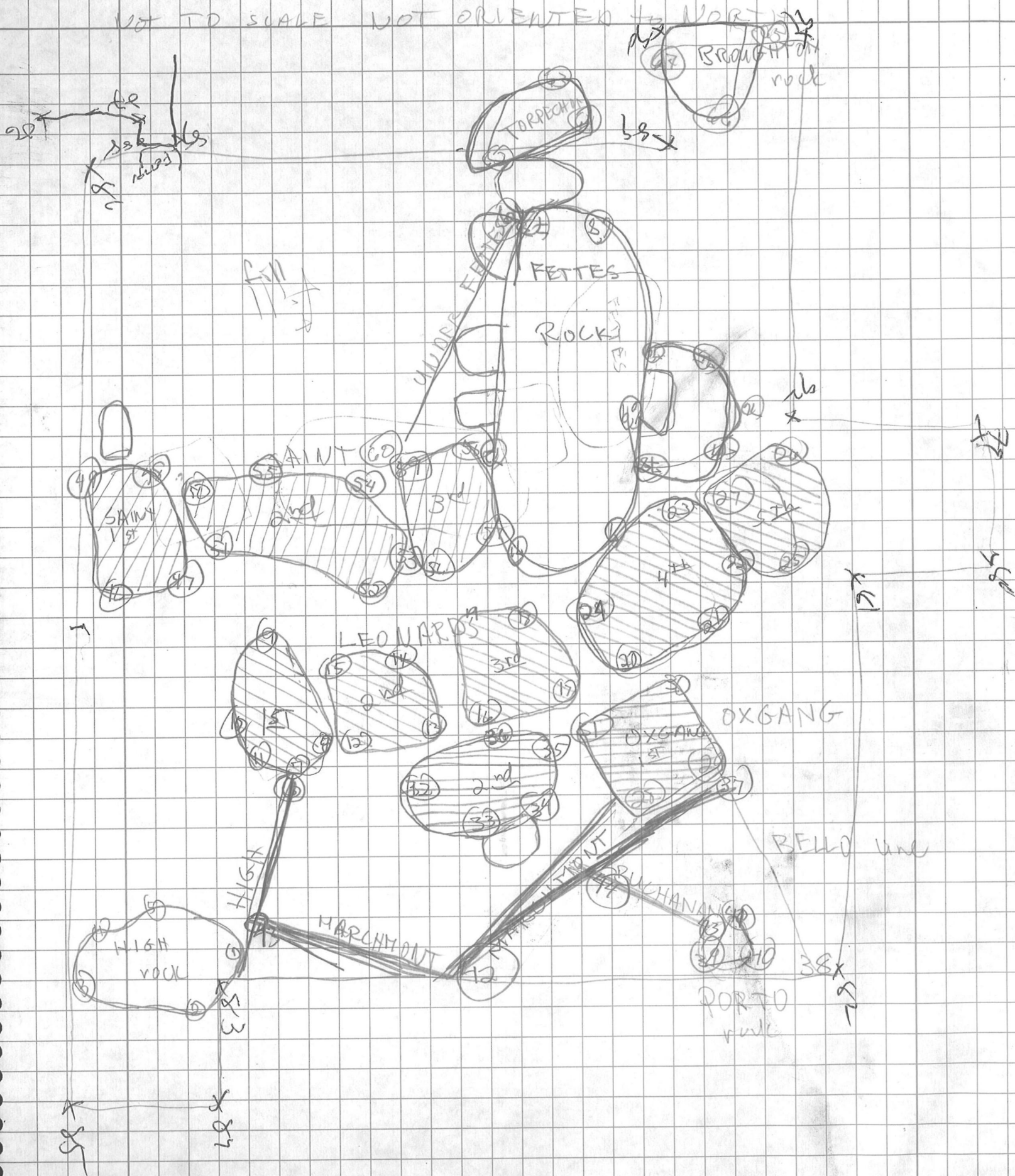
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4 July 2013

DP54 CR

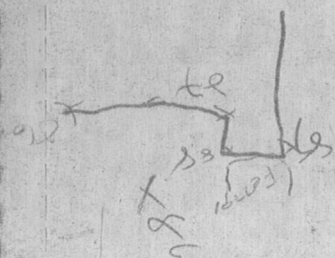
p(13- 77 (77)

NOT TO SCALE NOT ORIENTED TO NORTH

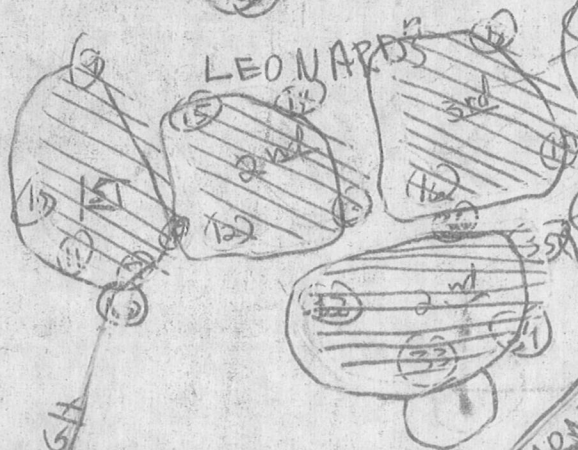
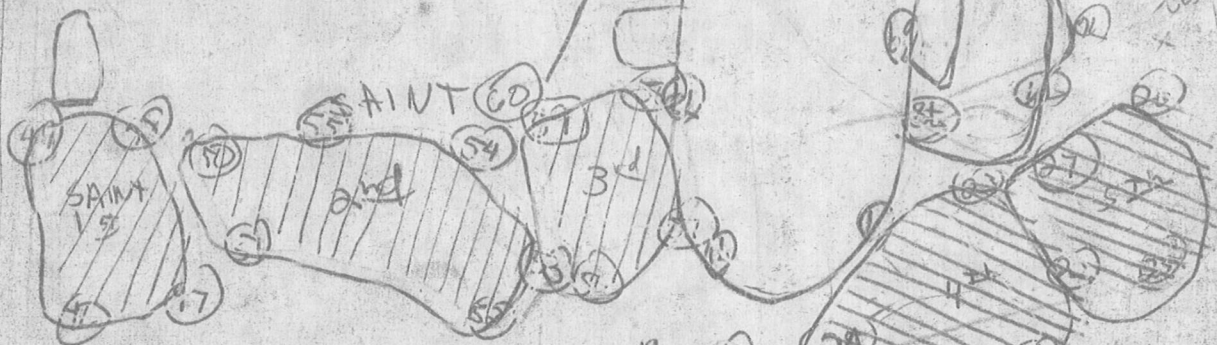
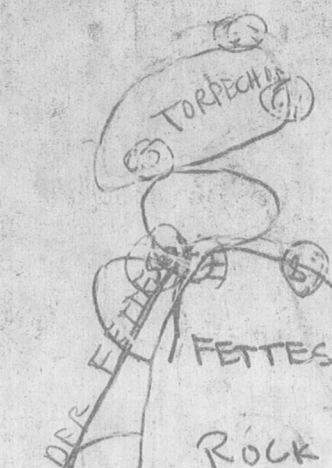


4 July 2013

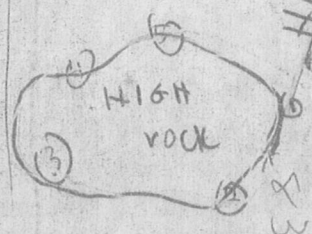
p-113-27
17 (77)



Lill



BELLO unc



HIGH

MARCHMONT



BULHANANG

PORTO rock

38, 39, 40

SS

SS

7/14/13

Spent most of the day shooting plan pts. --
 July 5400 was shot from 5394 to 5400 from which
 a station was shot between July 5300 + 5300
 3 here 2 excavations were then recorded from that
 station. Also went over and sketched the large
 boulder feature in July 5300. From site, up at
 note there are 3 lines of large cobbles with
 Ferrer forming a corner with the innermost (w)
 line + tendency w. and backed by cobble fill.
 Ferrer is definitely packed rounded with
 small stones glancing in a cut to wedge it
 in place. What we thought were fallen
 boulders now seem to be purposefully placed.
 rock with Ferrer in the only surviving upright
 line -- stone could Ferrer define the edges of a platform
 built by the other 2 lines on the E?
 small boulders
 heavy
 long -- stone
 with
 the
 the pits

NE - most pts. - Excavations here are producing results
 that appear to suggest "generally similar construction"
 to P1.377 -- i.e. rock blocks on the summit
 possible crenulated perimeter and reorientation of the
 building at various points in its history. July 5400
 revealed what seems like a stone - or - earthen feature
 made of relatively small cobbles.

7/14/13

Spent most of the day shooting planpts. -
 July 5400 near dist from 5394 to 5396 from which
 a station was set between July 5300 + 5300
 5 here 2 excavations were then recorded from that
 station. Also went over and sketched the large
 boulder feature in July 5303. Fish site, in part
 note. There are 3 lines of large cobbles with
 Ferrites forming a corner with the innermost (w)
 line + tendency to be and backed by cobbles full
 Ferrites. Definitely packed rounded well
 small stones glaucous in color to wedge it
 in place. But as we thought were fallen
 boulders now seem to be purposefully placed
 rock with Ferrites in the only surviving approach
 here. Could Ferrites define the edges of a platform
 pointed by the other 2 lines or the E?
 late pits

NE - main pit. Excavations here are producing results
 that appear to suggest a generally similar construction
 to the 377-1-2 rock blocky in the summit
 possibly ornamented perimeter and representation of the
 building at various points in the history. July 5400
 revealed what looks like a stone - or even feature
 made of relatively small cobbles.

7/5/13

July 53 CN - 1x1 m in S. of July 53 ~~CL~~ ^{CL} in the path, between S. of 555 west & 555 west station. in area of what seems to be furnace debris rubble on the soil surface.

Expanded 1x1 m to the W after encountering a fairly dense concentration of furnace fragments in the first 1x1 m. Possibly a glazed shed for c. 2 m by 5.

Subseq 53 CN

BU1	BU2	BU3
BU4	BU5	BU6

5	1	2
6	3	4
7		

Same faint artifacts in the uppermost 0.4 m of 555 W60, 555 W65, 555 S60 W65.

July 53 CN (7/8/13) - added BU3 + BU4 to the original 1x2 m E-W - running - shed to try and determine the form of the debris pattern that includes them, & at least one medium - size quartz, cobble and some iron - rich rock along with other artifacts. Sweep finding glazed shards here - very shallow - the whole deposit is within 0.2 m of the surface and is a shallow run-off that carries water in heavy rain. Still, the furnace pieces present and the rock seem to be in place. I was wondering if the rock and furnace were re-used or foundation for a surface-level historic building. Not clear if this was the case.

Dugging the c. 1 x 0.5 m test pit to 0.3 m before returning to extend the down to c. 0.8 m by 5. I dug this to keep some control over the provenance of the artifacts.

7/11/13 July 53 CN - added a 7th BU (BU7) immediately N of BU6. Encountered in digging to ca. 0.8 m by 5 in BU7 still encountered a layer of sand and small, more rounded pebbles at ca. 0.5 m by 5 below which is a relatively sterile clay below which is what appears to be the remains of a stone feature embedded in the lowest level. I didn't find much at 0.8 m by 5 except for a piece of copper slag.

PI-13-82

7/5/13

CL

July 53 CN - 1x1 m pit. S. of July 53 ~~CL~~ in the path, between S of 555 wbc & 555 wbc station in area of what seems to be furnace debris rubble on the soil surface.

Expanded 1x1 m to the W after encountering a fairly dense concentration of furnace fragments in the first 1x1 m. Possibly a glazed shed for c. 2 m by 5.

Subj 53 CN

ENT 1001 1002
1003 1004
ENT 1005

15 121

16 13 14

17

Glaze found artifacts in the uppermost c. 4 m of 555 wbc, 555 wbs, 555 56 wbs.

July 53 CN (7/8/13) - added E43 + E44 to the original 1x2 m E-W - running - heard to try and determine the form of the debris pattern. It includes brick, & at least one medium - size quartz cobble and some even - real rock - like with better artifacts. Deep finding glazed, slender, etc. - very shallow. The whole deposit is within 0.2 m of the surface and is a shallow run-off that carries water in heavy rain. Still, the furnace pieces are not at the rock room to be in place. I was wondering if the rocks and furnace were re-used as foundation for a surface-level historic building. Not clear if this was the case.

Digging the c. 1 m test pit to 0.3 m ss before returning to extend the down to 0.5 m by 5. Digging this to being gone south over the prevalence of the artifacts.

7/11/13 July 53 CN - added a 7th E4 (E47) immediately N of E46. Expanded by digging to ca. 0.8 m by 5 m. E47 still encountered a layer of sand and small, green - rounded pebbles at ca. 0.5 m by 5 below which is a relatively sterile clay below which is what appears to be the remains of a stone feature embedded in the lower level. I don't know what it is. I expect to see more artifacts in the next 1 m.

5 July

SOIL LEVER collecting for Aaron

p1-13-81 31

54 CH Blend -- on section, 50 cm, 15 below GS

C level -- on section, 5 cm, 32 below Ground Surface

D level -- on section, 310 cm, 56 below GS -- will sieve thru

✓ S40 W54 / 991	0-0.3m bgs	0.5 x 0.5m pit, sherd	
✓ S40 W45 / 991	" "	" "	sherd
✓ S45 W54 / 991	" "	" "	sherds
✓ S45 W55 / 991	" "	" "	sherds
✓ S45 W45 / 991	" "	" "	"
✓ S60 W54 / 991	0-0.4m bgs	" "	sherds slag
✓ S65 W54 / 991	0-0.2m bgs	" "	sherds slag bone (amber)
✓ S74 W54 / 991	0-0.3m bgs	" "	Furnace, bgs sherd
Carbon sample - embedded in outside of furnace			
✓ S40 W35 / 001	0-30 cm BGS	sherds	5 x 5 m
✓ S40 W35 / 002	30-50 cm BGS	1.5 x 0.5 pit	sherds & obsidian
✓ S40 W40 / 001	30-50 cm BGS	"	sherds
✓ S40 W54 / 001	30-50 cm BGS	"	sherds
S40 W55			
✓ S40 W64 / 001	30-50 cm BGS	"	sherds, chert
✓ S40 W65 / 001	30-50 "	"	sherds, chert
✓ S40 W70 / 002	30-50 "	"	sherds, obsidian
✓ S45 W64 / 002	30-50 "	"	sherds
✓ S45 W55 / 002	30-50 "	"	BJ?
✓ S45 W50 / 002	30-50 "	"	sherds
✓ S45 W45 / 001	30-50 "	"	sherds
✓ S45 W40 / 001	30-50 "	"	sherds
✓ S70 W50 / 002	30-50 "	"	sherds, BJ
✓ S3 CN / 012	30-50 EU 5		sherds
641 ✓ S3 CN / 013	50-90 EU 5		slag
S30 W54 / 711 / 13	0-0.3m bgs	0.5m x 0.5m pit	sherds
S30 W54 / 992	0.3-0.5m bgs	" "	sherds
✓ S30 W95 / 991	0.3-0.5m bgs	" "	sherds
✓ S30 W99 / 991	0-0.3m bgs	" "	sherds
✓ S30 W49 / 991	0.3-0.3m bgs	" "	sherds
✓ S30 W35 / 991	0.3-0.5m bgs	" "	sherds
✓ S3 CN / 014	0-0.2m bgs in pit	Furnace, bgs	sherds slag bone
✓ S3 CN / 015	0.2-0.4m bgs in pit	Furnace	
✓ S4 CL / 991	0-0.2m bgs	EU 1 among uppermost	sherds
✓ S3 CL / 991	0-0.2m bgs over whole trench	uppermost	sherds
✓ S3 CN / 016	0.1m-0.8m bgs	EU 7	sherds slag
✓ S30 W49 / 991	0.3-0.5m bgs	0.5m x 0.5m pit	sherds

5 July

SOIL LEVEL collecting for Aaron

P1-3-81

31

54 CH Blunt -- on section, 50 cm, 15 below GS

C level -- on section, 50 cm, 32 below Ground Surface

D level -- on section, 310 cm, 56 below GS - will sieve thru

S49 W54/991 0-0.3m bgs, 0.5 x 0.5m pit, sherd
 S40 W55/991 " " " " sherd
 S45 W54/991 " " " " sherd
 S45 W55/991 " " " " sherd
 S45 W54/991 " " " " sherd
 S40 W54/991 0-0.4m bgs, " " sherd, slag
 S45 W54/991 0-0.2m bgs, " " sherd, slag, bone (can)
 S79 W54/991 0-0.3m bgs, " " Financed by sherd
 Lanson sample - embedded in plaster turning

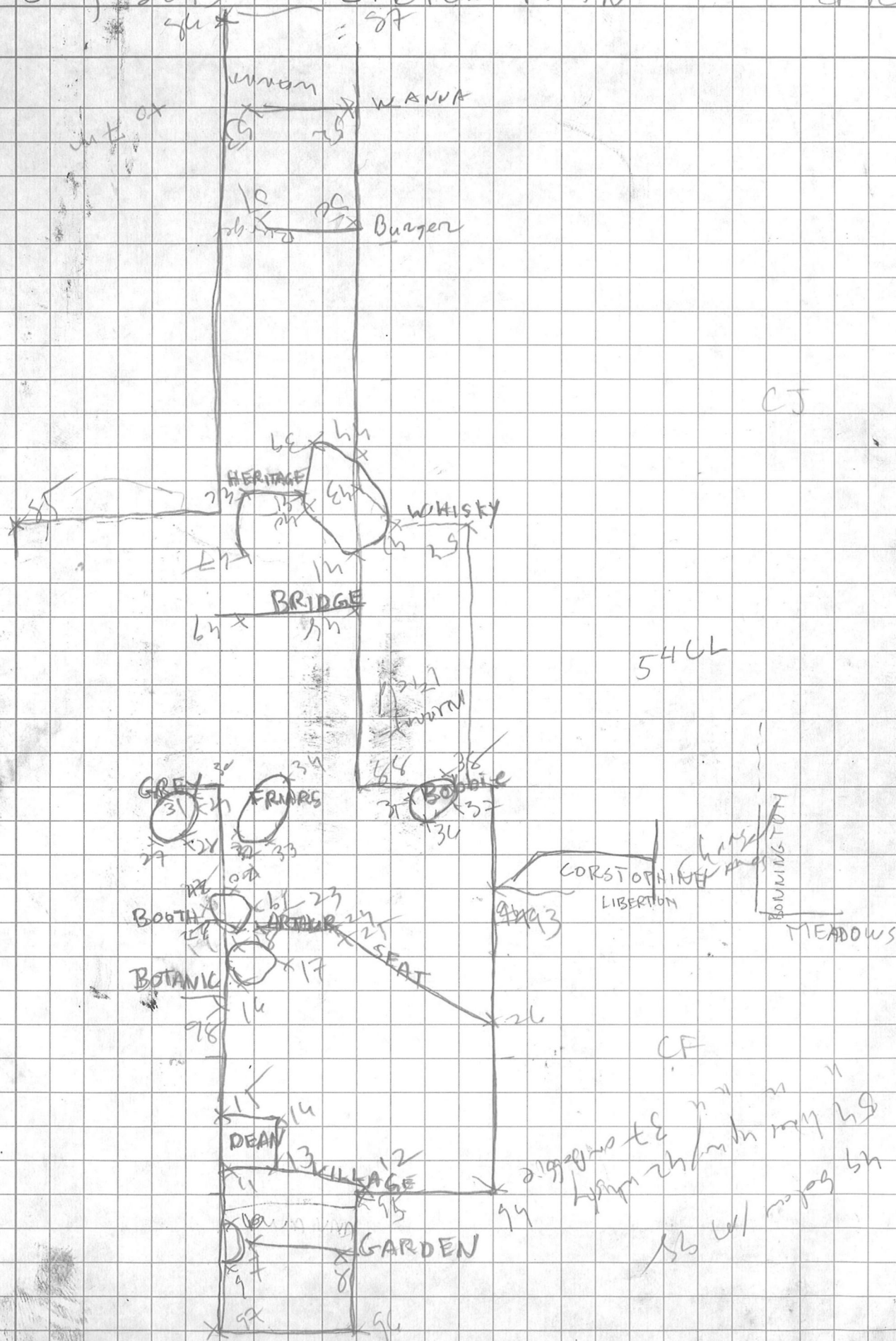
S 40 W35/001 0-30 cm BGS sherd 5 x 5 m
 S 40 W35/002 30-50 cm BGS sherd & obsidian
 S40 W40/001 30-50 cm BGS sherd
 S40 W54/001 30-50 cm BGS sherd
 S40 W55 " " " " sherd
 S40 W60/001 30-50 cm BGS sherd, chert
 S40 W65/001 30-50 " sherd, chert
 S40 W70/002 30-50 " sherd, obsidian
 S45 W60/002 30-50 " sherd
 S45 W55/002 30-50 " BJ?
 S45 W50/002 30-50 " sherd
 S45 W45/001 30-50 " sherd
 S45 W40/001 30-50 " sherd
 S70 W50/002 30-50 " sherd, BJ
 S3 CN/012 30-50 EU 5 sherd
 S3 CN/013 50-80 EU 5 sherd
 S3 CN/014 50-80 EU 5 sherd

S39 W57/11/13 S35 W54/991 0-0.3m bgs, 0.5m x 0.5m pit, sherd
 S39 W59/992 S35 W54/992 0.3-0.5m bgs, " " sherd
 S30 W95/991 0.3-0.5m bgs, " " sherd
 S39 W99/991 0-0.3m bgs, " " sherd
 S39 W49/991 0.3-0.3m bgs, " " sherd
 S39 W35/991 0.3-0.5m bgs, " " sherd
 S3 CN/014 0-0.2m bgs, EU 7, Financed by sherd, slag
 S3 CN/015 0.2-0.4m bgs, EU 7, Financed
 S4 CL/991 0-0.2m bgs, EU 1, among upper sherd
 S3 CN/991 0-0.2m bgs over whole trench, upper sherd
 S3 CN/016 0.4-0.5m bgs, EU 7, sherd
 S39 W60/001 0-0.2m bgs, EU 7, sherd

5 July 2013

SKETCH PLAN

PC-13-82
CF 96J 32

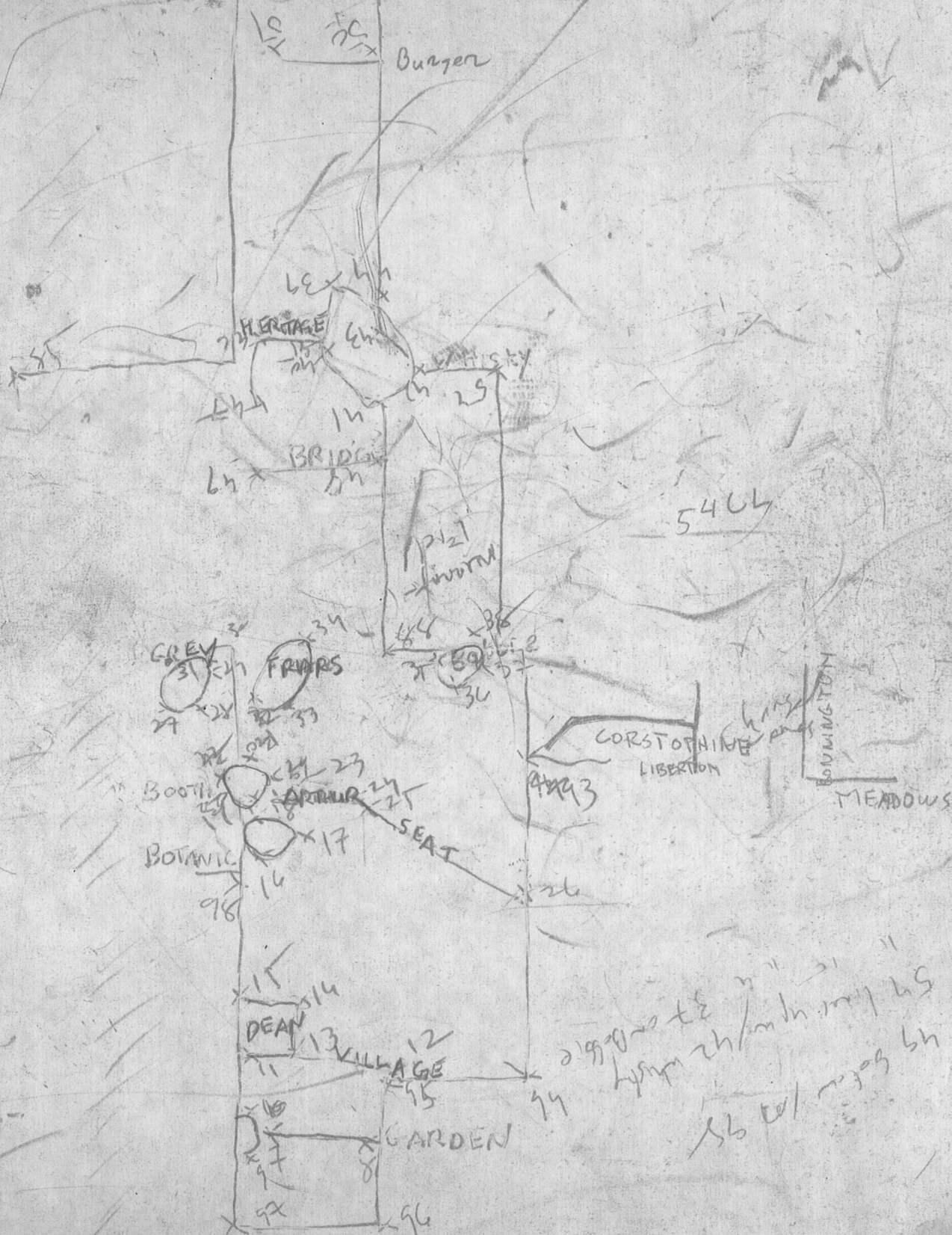


5 July SOIL LEVEL collecting for Agnor

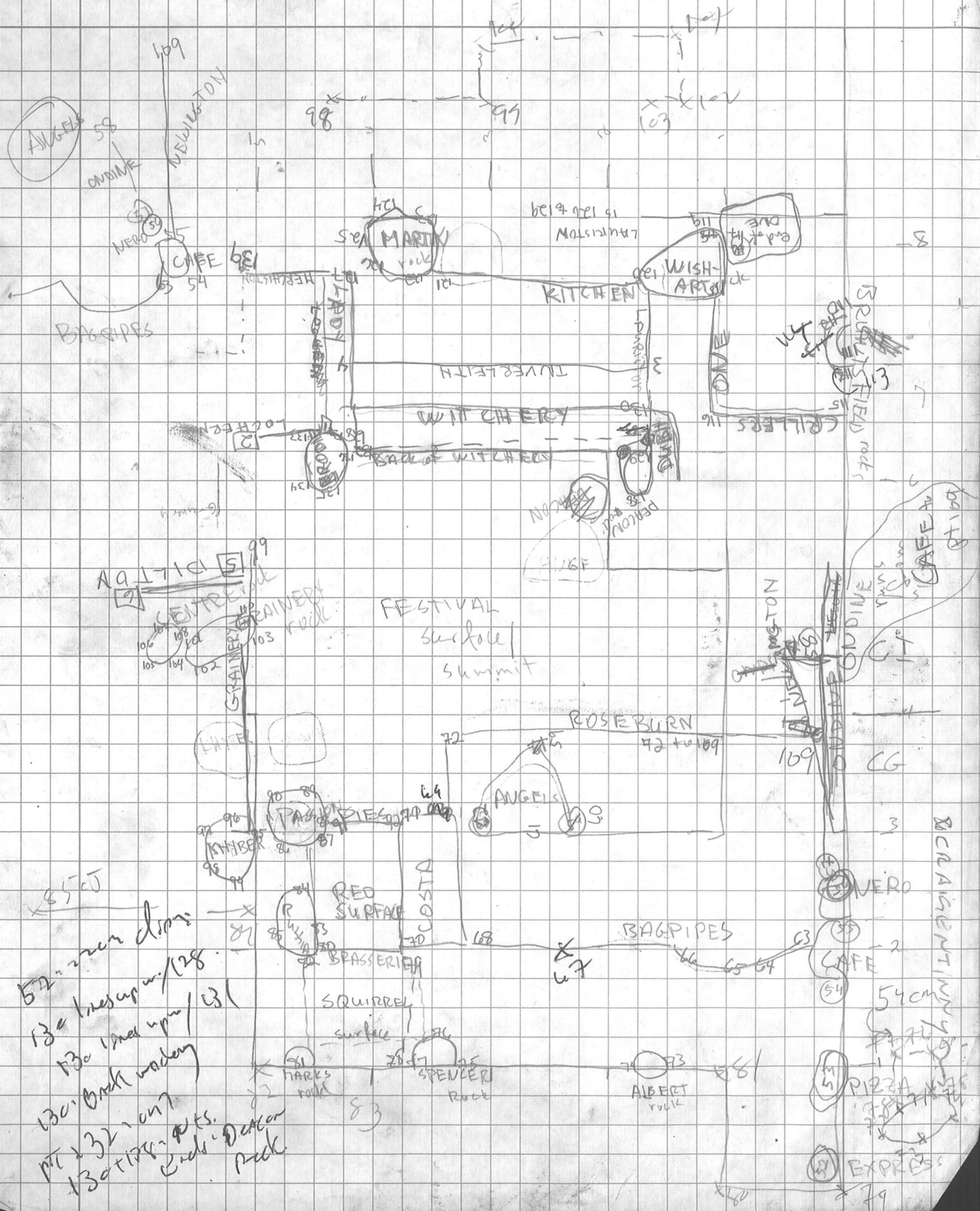
54 CH Blend L. on section, 50 cm, 15 below GS

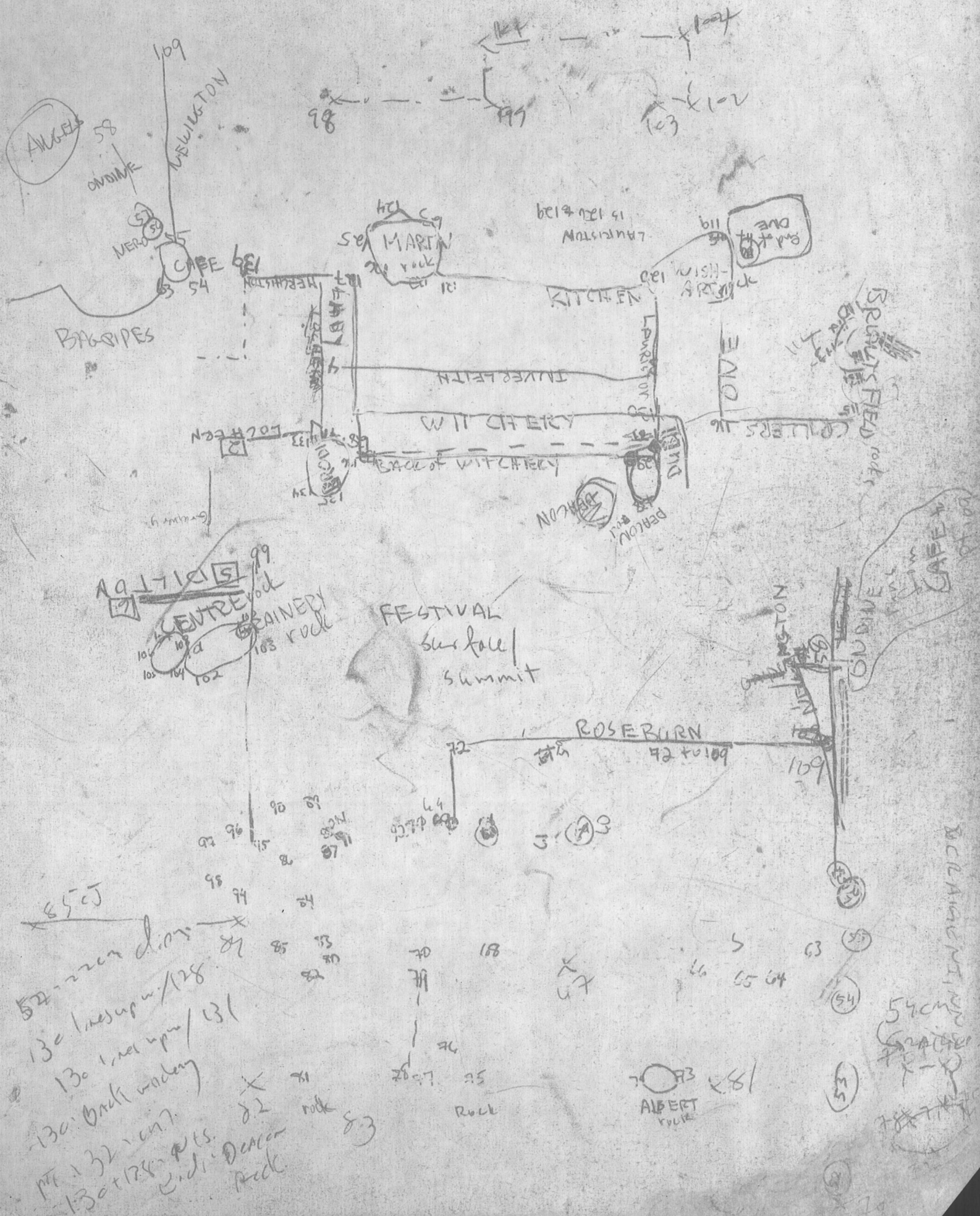
C level - on section, 50 cm, 32 below Ground Surface

D level - on section, 50 cm, 50 below GS



pl-13-83 ~~33~~





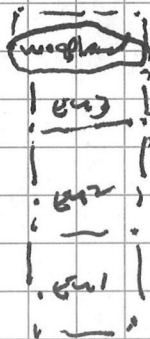
7/18/13

July 54CK - a test trench dug off the presumed E. end of the NE-most str. to try and determine its E-W length. The form and size of this trench will be determined by the nature of the material found here (Pebbles + rubble)

July 54CL - a hand dig off July 54CK in W. side showing the line of Grey, Friars + Babbie W. to try and find the W. edge of the NE-most str. seem to have come on a decent wall line (summit) by the end of the day.

7/11/13

July 53CG - a 1m wide trench (E-W) set originally against the N. side of woodland rock immediately SW of July 53CM and N of July 53CL to test if woodland is the center of another feature comparable to PLETTES in July 54CA.



Swamp 53CG



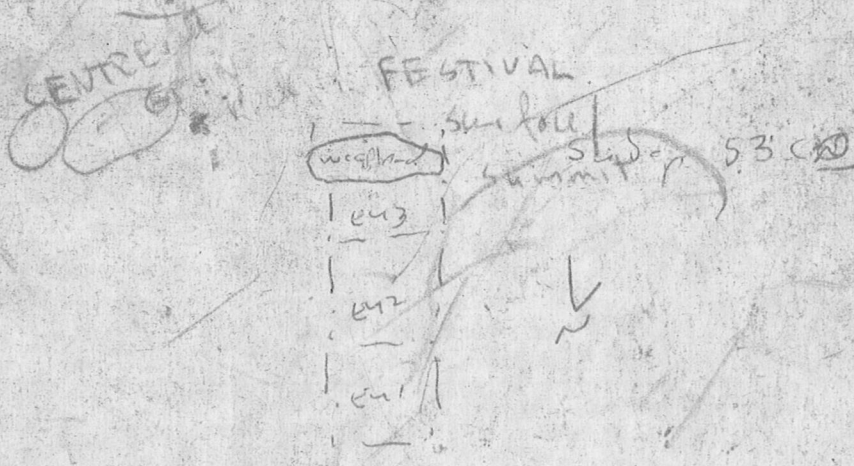
7/18/13

July 57CR - a test trench dig off the presumed
E. end of the NE-most str. to try and determine its E-W
length. The form and size of the trench will be
determined by the nature of the material found here (Parker's field)

July 59CR - a test dig off July 57CR in a hole
marked the line of the F. 100' (B. 50' W. to try and
find the W. edge of the NE-most str. from the line
seen on a distant wall line (summit) by the end of the
day.

7/11/13

July 53CC - a 1 m wide trench (E-W) set originally
against the W. side of wall and rock immediately S
of July 53CR and N of July 53CC to test if
wall and in the center of another feature comparable
to FETES in July 54CR.



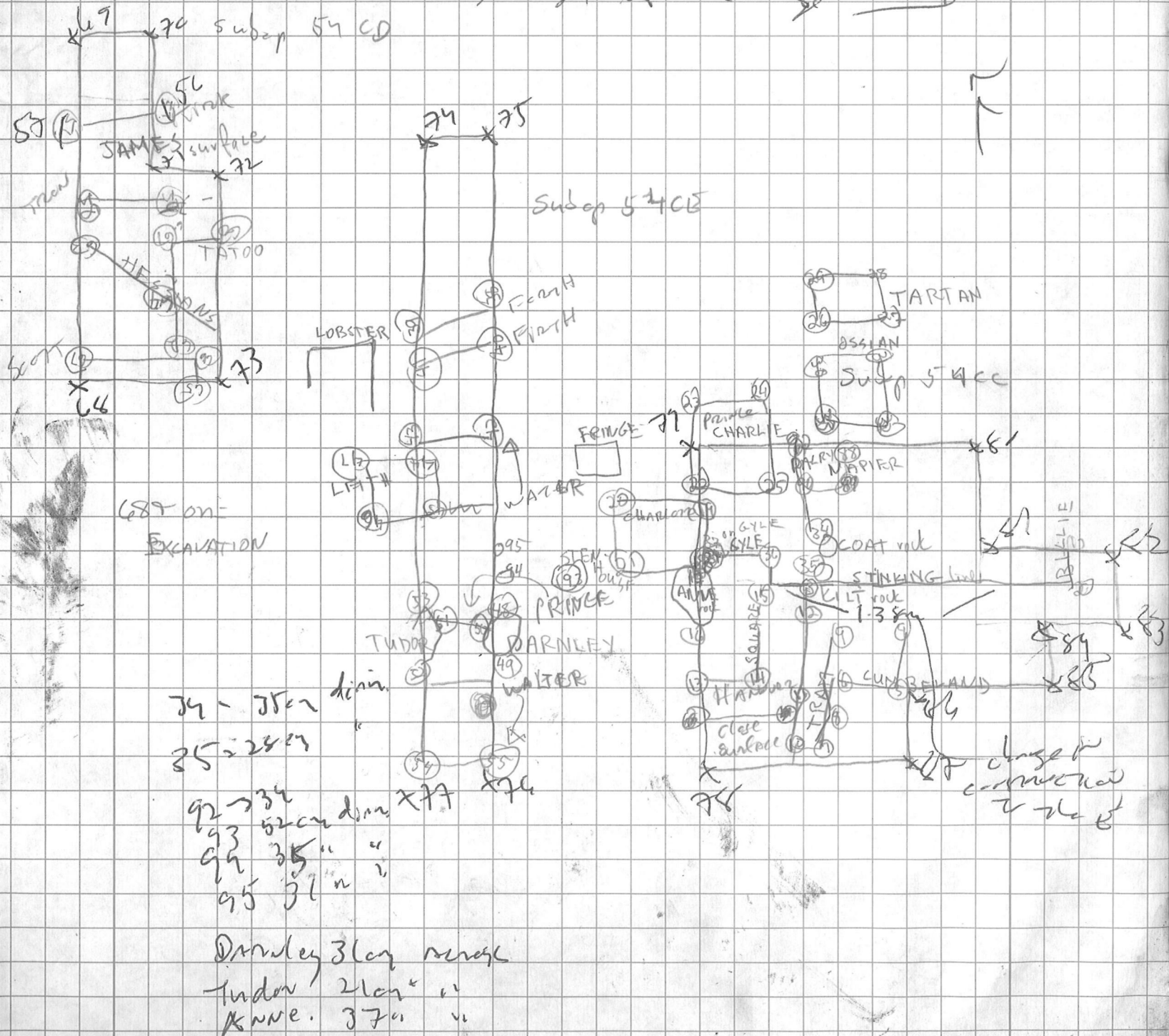
57CR

59CR

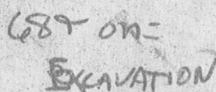
53CC

7/8/13

No rain since Sunday night - spent all morning clearing
 out Subop 54 CD/CS and 53CA. Took photos this morning of
 the NE-most str. + the large boulder construction in
 Subop 54CB. Large noted that a large Δ -shaped stone
 in the area of Subop 53CA may lie up with Fences rock and,
 possibly, a low the NE-most str. (maybe Ayala's rock?).
 Not sure, but it seems plausible. Fences looks like it was an
 uncarved monument, wedged in with large 512 379, call them



70 suber .54 CD



$74 - 75.7$ dinn
 $25 - 28.13$

92 → 34
93 52 → 100
94 35
95 37
Dunlop 3100
Tudor 4100
Kane 3700



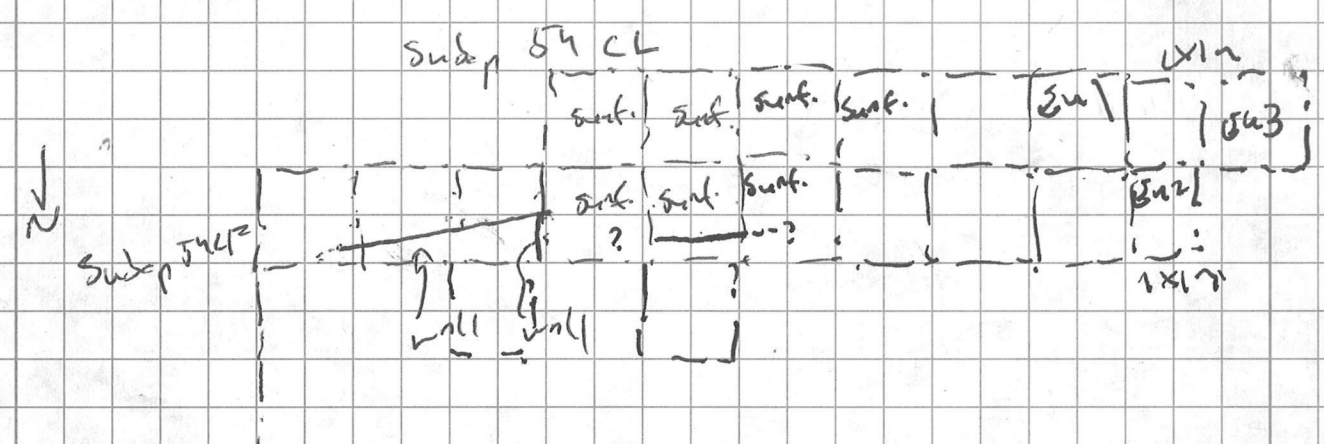
pl-13-86

54C¹ + 54C² = m. + A
lge Rock

54C³ - next Big Rocks

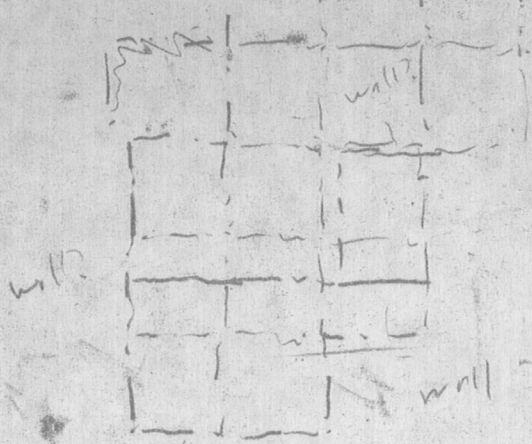
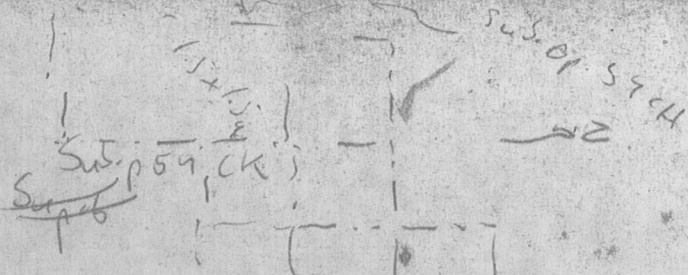
54C⁴ - Base of SE - remove
looking for steps - in situ Cu area

54C⁵ - large Rock s. of Subop 54CA



7/12/13

- 54CL/442 0-0.2m bgs, E_{u2} + E_{u3}, copper ore?
- 54C²/441 0-0.2m bgs, E_{u1} s of stone feature, Shards, obsidian
- 54C³/441 E_{u1} + 2, 0-0.2m bgs, rubble, shards, Bg
- 54C⁴/441 E_{u1}, 0-0.2m bgs, shards
- 54C²/442 E_{u2}, 0-0.2m bgs, shards
- 7/17/13 54C⁴/443 0-0.2m bgs, E_{u3}, shard
- 54C³/441, 0-0.2m bgs, E_{u3}, shard
- 54C⁴/442 0-0.2m bgs, E_{u3}, 0-0.75m bgs, shards

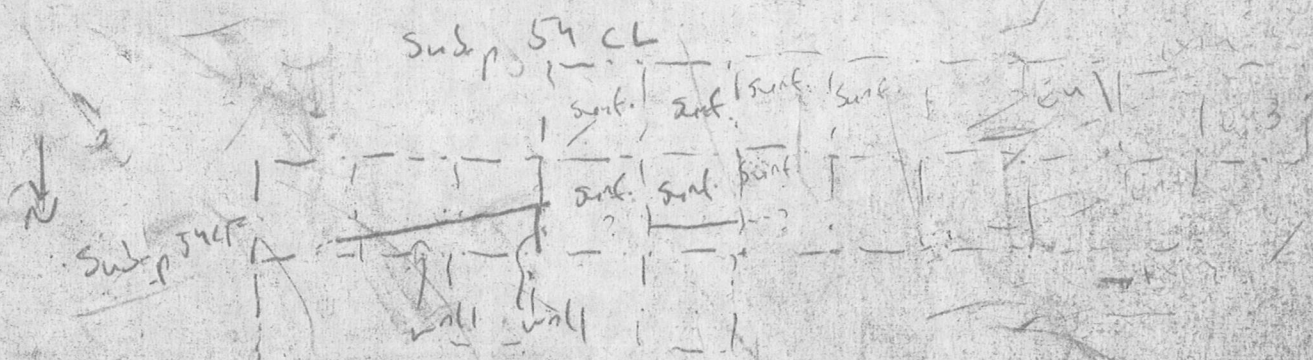


54CE + 54CP - N-Most excursions
the Rich

54CG - next Big 2.0/155

54CR - Base of SE - terrace
looking for steps - w.s. to canyon

54CS - large Red 3 of Subp 54CH



7/12/13

- 54CE/442 0-0.2m bgs, Eu2 + Eu3, 0.2m?
- 54CE/441 0-0.2m bgs, Eu1 & 2 of 3rd terrace, sherd
- 54CR/441 Eu1 & 2, 0-0.2m bgs, Tertiary, sherd, Bg
- 54CS/441 Eu1, 0-0.2m bgs, sherd
- 54CE/442 Eu2 0-0.2m bgs, sherd
- 7/17/13 54CG/443 0-0.2m bgs, Eu3, sherd
- 54CR/441 0-0.2m bgs, Eu3, sherd
- 54CR/442 0-0.2m bgs, Eu3, 0-0.75m bgs, sherd

9 July 2013

p1-13-87 ~~37~~

Collecting Soil Samples for XRF analysis

53 CA East side:

Within ARTHOUSE 50 cm BGS

top of ARTHOUSE

Surface of trench, below ARTHOUSE, 70 cm BGS

Surface of trench, lower than ARTHOUSE, 90 cm BGS

@ around "iron" rock, under ARTHOUSE

53 CI, EU 6, West Side

89 cm BGS

64 cm BGS

53 CI EU 1 East side, around large basalt rock

20 cm BGS

34 cm BGS, under basalt rock

53 CH test pit N side

50 ~~cm~~ cm BGS

30 cm BGS rock layer

20 cm BGS B horizon, above rocks

53 CF test pit, where there is a lot of slag / horns; U side

50 cm BGS

23 cm BGS -- very red, unusual for this depth

10 cm BGS -- lots of slag; odd reddish color

53 CJ test pit, w/ dead frog & dead mouse/rat @ base

70 cm BGS

50 cm BGS

20 cm BGS

53 CD test pit

40 cm BGS

40 cm BGS

~~cm BGS~~

53 CB test pit N face

50 ~~cm~~ cm BGS

25 ~~cm~~ cm BGS

9 July 2013

PI-B-87 37

Collecting Soil Samples for XRF analysis

53 CA East side:

Within ART HOUSE 50 cm BGS

top of ART HOUSE

Surface of trench, below ART HOUSE; 70 cm BGS

Surface of trench lower than ART HOUSE, 90 cm BGS

around "iron" rock under ART HOUSE

53 CI, EU 6, West Side

89 cm BGS

64 cm BGS

53 CI EU 1 East side, around large basalt rock

20 cm BGS

34 cm BGS, under basalt rock

53 CH test pit N side

50 cm BGS

30 cm BGS rock layer

20 cm BGS B horizon, above rocks

53 CF test pit, where there is a lot of slag / horns, N side

50 cm BGS

23 cm BGS -- very red, unusual for this depth

53 CI 10 cm BGS -- lots of slag, odd reddish color

53 CJ test pit w/ dead frog & dead mouse / rat @ base

70 cm BGS

50 cm BGS

20 cm BGS

53 CD test pit

60 cm BGS

40 cm BGS

53 OB test pit N face

50 cm BGS

25 cm BGS

9 July 2013

p173-88 ~~88~~

Collecting Soil Samples for xRF analysis

53 CE test trench N side, NE corner; E 2m had
58 BGs good artifact yields
30 BGs

53 UK Test Pit N side
80 cm BGs
50 cm BGs
30 cm BGs carbon @ this level

53 GG Test Trench E side EU 3 (3m from S end)
50 cm BGs
30 cm BGs

53 CC New Str A E wall trench
65 cm BGs EU 10 (last EU)
40 cm BGs last EU, probably 10
25 cm BGs last EU, probably 10
Trench wall, about 1.7m from trench end
20 cm BGs

2.60 South of ROYAL
30 cm BGs

Below ODEON

38 cm below top of feature @ Pt 33 on plan
18 cm below Plan Point 33

Below MILE, Plan Pt 3
25 cm below Pt 3

Below CRESCENT ~~rock~~

30 cm below plant Pt 11 on CRESCENT

53 CM Str 368
48 cm below HARE Plan Point
60 cm below SMITH rock top

9 July 2013

PA-13-88-38

Collecting Soil Samples for XRF analysis

53 CE test trench N side, NE corner, E 2m had
58 BGs
30 BGs good artifact yields

53 CK Test Pit N side
80 cm BGs
50 cm BGs
30 cm BGs carbon @ this level

53 GG Test Trench E side, EU 3 (3m from S end)
50 cm BGs
30 cm BGs

53 CC New Str A E wall trench
65 cm BGs EU 10 (last EU)
40 cm BGs last EU, probably 10
25 cm BGs, last EU, probably 10
E trench wall, about 1m from trench end
20 cm BGs

2.60 South of ROYAL
30 cm BGs

Below ODEON

38 cm below top of feature @ Pt 33 on plan
18 cm below Plan Point 33

Below MILE, Plan Pt 3
25 cm below Pt 3

Below CRESCENT

30 cm below Plant Pt 11 on CRESCENT

53 CM Str 368

48 cm below HARE Plan Point

60 cm below SMITH rock top

9 July 2013

p113-89 ~~29~~

SOIL SAMPLES

54 CA North End of Main Trench
98 cm BGS 40 E of NW corner
77 cm BGS 40 cm E of NW corner
50 cm BGS 90 cm E of NW corner
33 cm BGS 90 cm E of NW corner
26 cm BGS 50 cm E of NW corner

54 CB West Trench wall BU 1
46 cm BGS 70 from North end of trench
15 cm BGS provenience of slag piece, 80 cm from N end of Trench
under large rock @ West end of trench
50 cm BGS 15 cm below rock base

str 379
54 CC SE corner of trench extension, 90 cm South of
STINKING - BILLIE SW corner
32 BGS

54 CC str 379
30 cm below possible surface, EU 11

25 cm below top of HANDOVER in main trench
EU 1
8 cm BGS A horizon, SW corner EU 2

54 CE str ~~379~~ 379
30 BGS SE corner; 35 cm North of trench's SE
18 BGS SE corner, that is, 35 cm North of SE corner
25 BGS below WATER feature, from fill

N4 EØ 45 cm BGS
30 cm BGS
7 cm BGS

N4 ~~EØ~~ 40 cm BGS
W5 22 cm BGS
7 cm BGS

9 July 2013

pl-13-89 39

SOIL SAMPLES

54 CA North End of Main Trench

98 cm BGS 40 E of NW corner

77 cm BGS 40 cm E of NW corner

50 cm BGS 90 cm E of NW corner

33 cm BGS 90 cm E of NW corner

26 cm BGS 50 cm E of NW corner

54 CB West Trench wall EU 1

46 cm BGS 70 from North end of trench

15 cm BGS provenience of slag piece, 80 cm from N end of Trench
under large rock @ West end of trench

50 cm BGS 15 cm below rock base

str 379

54 CC SE corner of trench extension, 90 cm South of

STINKING-BILLIE SW corner

32 BGS

54 CC str 379

30 cm below possible surface EU 11

25 cm below top of HANOVER in main trench

EU 1

8 cm BGS A horizon SW corner EU 2

54 CE str ~~379~~ 379

30 BGS

18 BGS

25 BGS

SE corner; 35 cm North of trench's SE

SE corner, that is, 35 cm North of SE corner

below WATER feature, from fill

N4 E0 45 cm BGS

30 cm BGS

7 cm BGS

N4 E0 40 cm BGS

W5 22 cm BGS

7 cm BGS

9 July 2013

p1-13-98 ~~40~~

NØ ^{W10} ~~W10~~ 45 BGS
20 cm BGS
7 cm BGS

NØ W15 skipped due to tree roots

NØ W20 15 cm BGS possible construction w/ pit to S+E

NØ W25 43 cm BGS
26 cm BGS
8 cm BGS

NØ W30 40 cm BGS
20 cm BGS
5 cm BGS

NØ W35 35 cm BGS
20 cm BGS
6 cm BGS

NØ W40 20 cm BGS possible construction
5 cm BGS possible construction

11 JULY Test Pit Soil Sample

S30 ^W ~~W~~ 48 cm BGS
20 cm BGS
6 cm BGS

12 JULY Test Pit Soil SAMPLE

S30 ~~W~~ W5 5 cm BGS humus
30 cm BGS sandy, coffee-colored B
53 cm BGS normal C level

S30 W5 in area of construction -- gravin in all levels
53 BGS coffee, sandy, w/ pebbles } poorly sorted
30 cm BGS black-brown sandy
5 cm BGS A was gravin

9 July 2013

pl-13-90-40

NØ ~~E10~~ W10

45 BGS

20 cm BGS

7 cm BGS

NØ W15 slipped due to tree roots

NØ W20

15 cm BGS

possible construction w/ pit to S+E

NØ W25

43 cm BGS

26 cm BGS

8 cm BGS

NØ W30

40 cm BGS

20 cm BGS

5 cm BGS

NØ W35

35 cm BGS

20 cm BGS

6 cm BGS

NØ W40

20 cm BGS

5 cm BGS

possible construction
possible construction

11 July Test Pit Soil Sample

S30 ~~E10~~ W

48 cm BGS

20 cm BGS

4 cm BGS

12 July Test Pit Soil Sample

S30 ~~E10~~ W5

5 cm BGS humus

30 cm BGS sandy, coffee-colored B

53 cm BGS normal C level

S30 W15

in area of construction - gravim all levels

53 BGS

coffee, sandy, w/ pebbles } poorly sorted

30 cm BGS, black-brown sandy

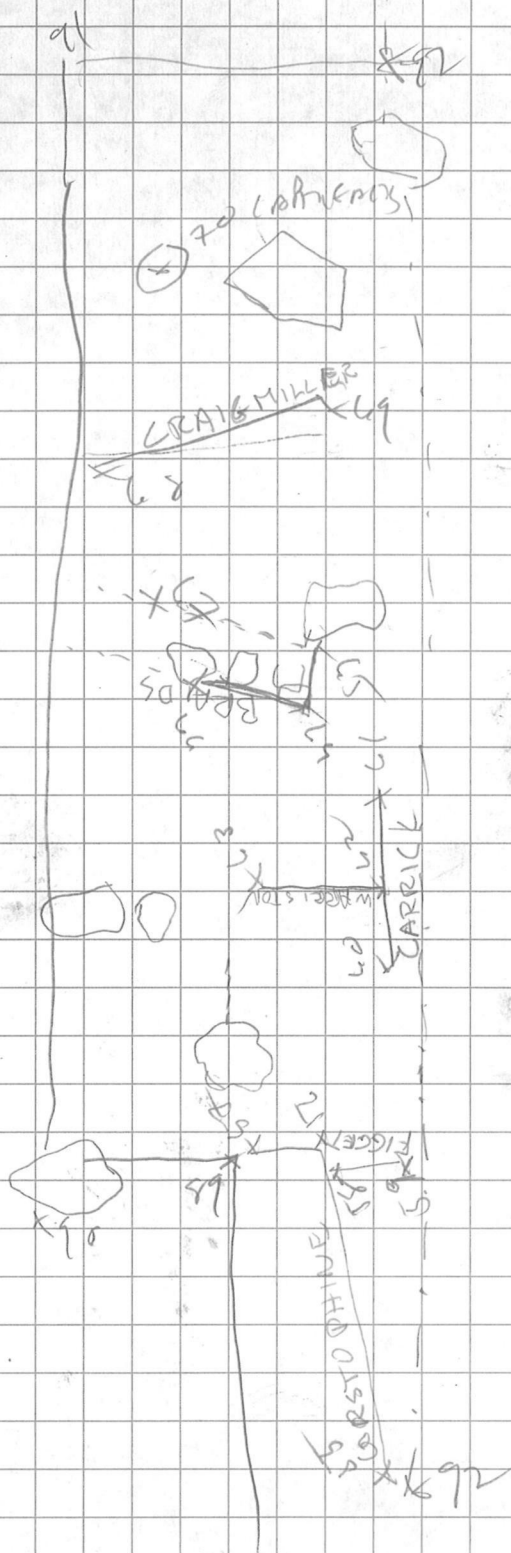
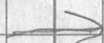
5 cm BGS A has gravim

11 July 2013

Sketch Plan

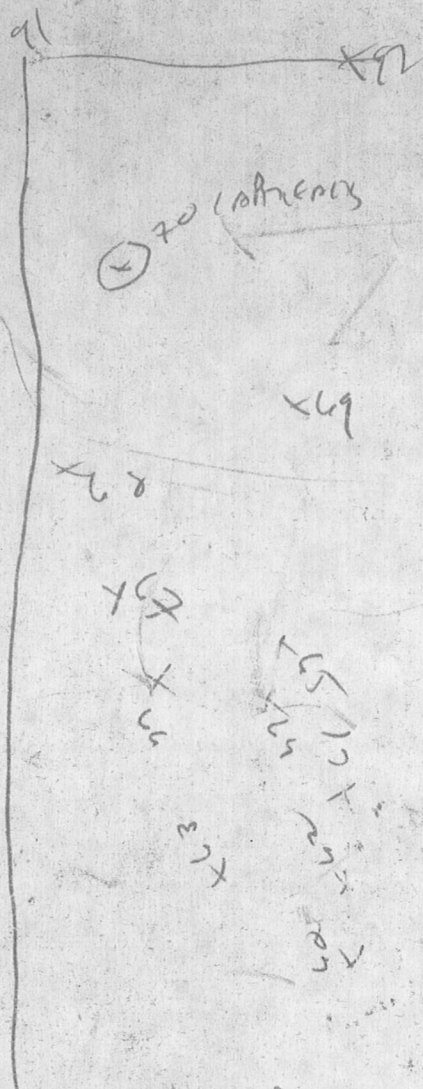
Str New C 0P54CL

p1-13-91 41



BURBANK

CF



11 JULY Test Pit Soil Section

S 30 E 48 cm BG
20 cm BG
6 cm BG

X69 X68

CP

7/11/13 S39 W74/441 0.3-0.5m bgs, 0.5x0.5m pit, shovels

S39 W75/441 0.3-0.5m bgs, " " "

S39 W85/441 0.3-0.5m bgs, " " "

S39 W95/442 0.3-0.5m bgs, " " "

S30 W39/441 0.3-0.5m bgs, " " "

S30 W441 0-0.2m bgs, 0.5x0.5m pit, shovels, sig

7/17/13 S30 W441 - clearing upper terrace, shovels, sig, bone!

7/11/13 S39 w74/441 0.3-0.5m bgs, 0.5x0.5m pit, sherd

S39 w75/441 0.3-0.5m bgs, " " "

S39 w85/441 0.3-0.5m bgs, " " "

S39 w96/442 0.3-0.5m bgs, " " "

S30 w34/441 0.3-0.5m bgs, " " "

S30 w441 0-0.2m bgs, 0.5x0.5m pit, sherd, Sj.

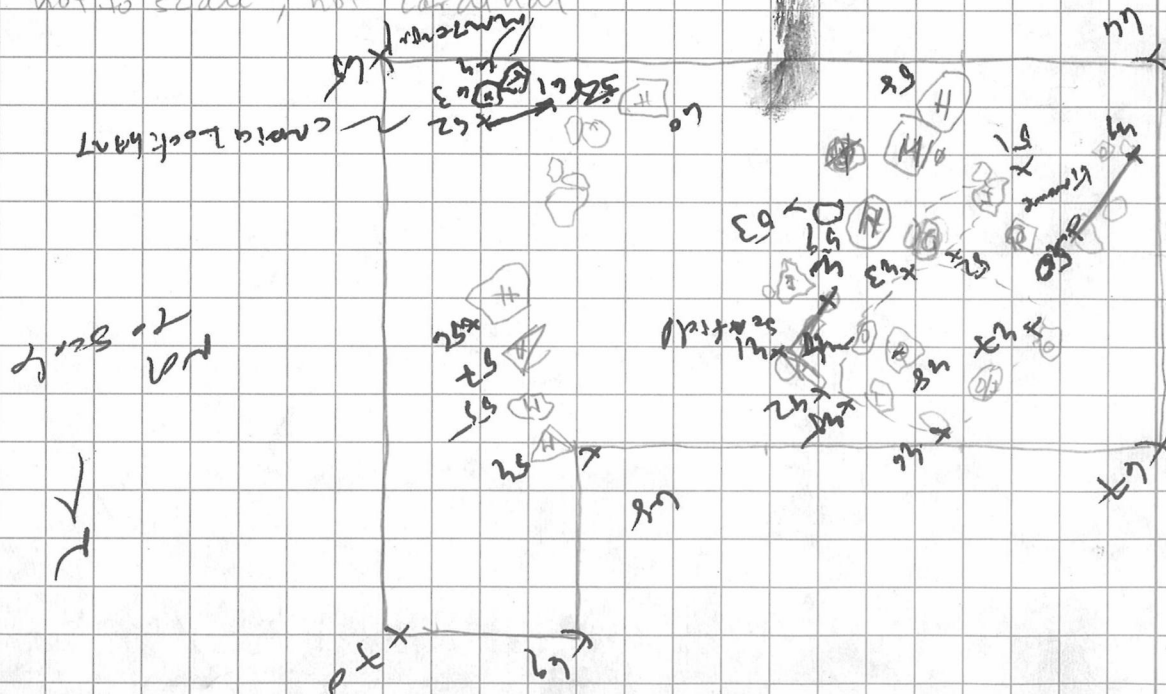
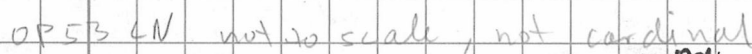
7/17/13 S30 w417 - clearing upper feature, sherd, b, bone

11 July 1913 1st Site Survey

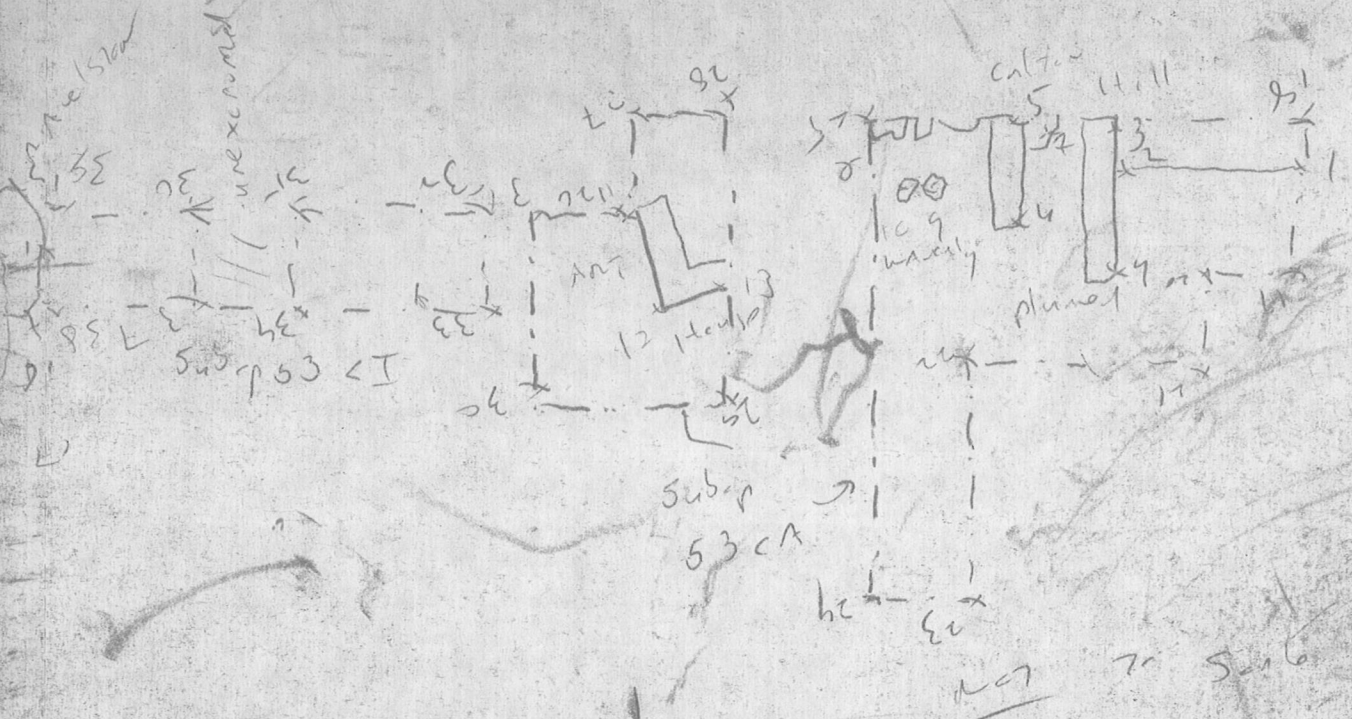
S39 E1 48 cm box

2.0m bgs

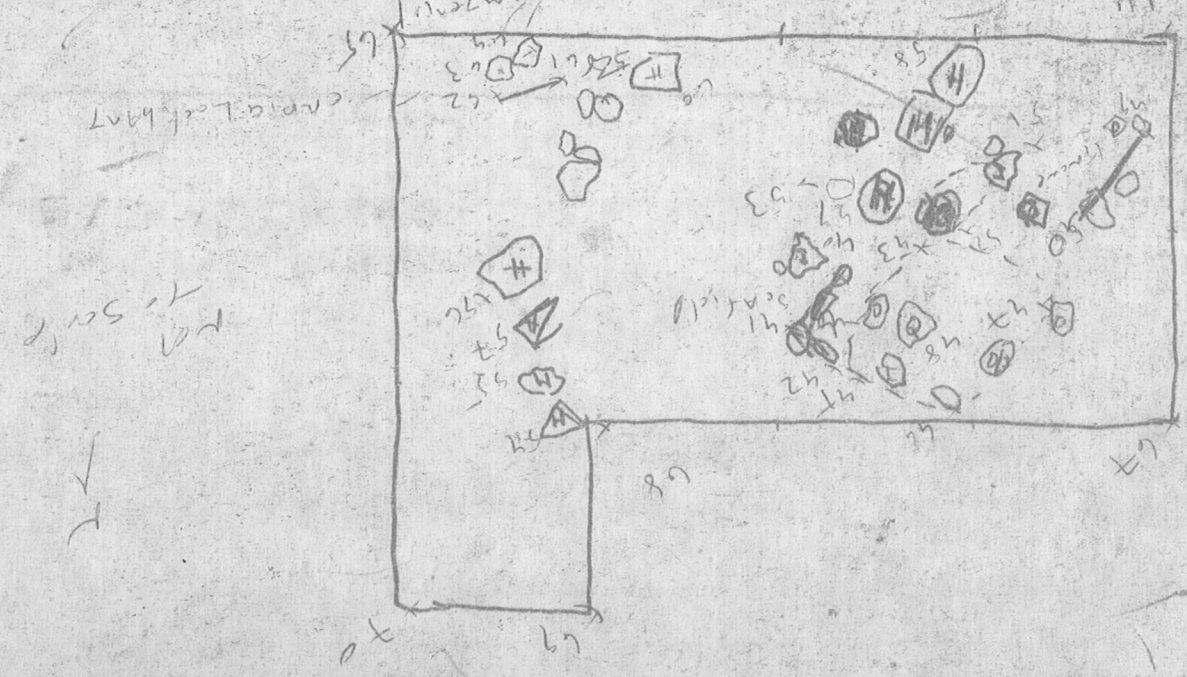
6.0m bgs



7/10/13



OP53 LN not to scale; not cardinal



7/12/13

p1-13- 94 ~~44~~

Rained heavily last night, flooded the pits,
2 saws crew of 2 each spent until 10 am backing water.

July 5300 - Pete + Freddy have cleared a line over
woodland across NW-S and have cut a track running
E-W over woodland to reach the edge of the wet. 7 acres
clear and planted on all 4 exposed sides.

7/12/13

PI-13-94 44

Rained heavily last night, flooded the pit,
2 men over of 2 each spent until 10am backing water.

July 5300 - Pete + Freddy here cleared line over
wooded rock on N-S and have cut a track running
E-W over wooded to reach the edge of the unit. 7 and
clear and patch on all 4 exposed sides.

12 July 2013

p1-13-95 ~~45~~

Collecting soil samples from test pits

S30 W15 in construction -- many rocks throughout
5 cm BGS A level

30 cm BGS X level black-brown, full of rocks, sand
51 cm BGS Y level coffee colored, very sandy grain

S30 W20 skipped due to roots

S30 W25 ^{over} in probable
20 cm BGS B level
6 cm BGS A level

S30 W30 no construction, just soil, a few artifacts
41 cm BGS C level
25 cm BGS B level, coffee-colored, not so black
5 cm BGS

S30 W35 no construction
48 cm BGS C level
36 cm BGS B level very hard C -- color of C, matrix
cm BGS B level like C, but more
A level not taken sand

S30 W40 all soil, except for a chert lens in the B level
42 cm BGS C level
20 cm BGS B level; there is a lens of small cherts
cm BGS A level

S30 W45 small rocks to 2 cm, most about 0.5 & less; poorly sorted
sub angular

42 cm BGS C level

20 cm BGS B level some rocks in this level -- not many

6 cm BGS A level

S30 W50 From here ^{through} to S30 W W70, we are not
doing/taking A level samples

21 cm BGS very pebbly

45 cm BGS sandy X level

12 July 2013

PI-13-9545

Collecting soil samples from test pits

S30 W15 in construction -- many rocks throughout
5 cm BGS A level
30 cm BGS X level black-brown, full of rocks, sand
51 cm BGS Y level coffee colored, very sandy gravel

S30 W20 skipped due to roots

S30 W25 ^{over} in probable
20 cm BGS B level
4 cm BGS A level

S30 W30 no construction, just soil; a few artifacts
41 cm BGS C level
25 cm BGS B level, coffee-colored, not so black
5 cm BGS

S30 W35 no construction
48 cm BGS C level
36 cm BGS B level very hard C' - color of C, making
1 cm BGS B level like C, but more
A level not taken sand

S30 W40 all soil, except for a chert lens in the B level
42 cm BGS C level
20 cm BGS B level, there is a lens of small cherts
1 cm BGS A level

S30 W45 small rocks to 2 cm, most about 0.5 & less; poorly sorted
sub angular
42 cm BGS C level
20 cm BGS B level some rocks in this level - not many
6 cm BGS A level

S30 W50 From here ^{through} to S30 W W70, we are not
doing/taking A level samples
21 cm BGS very pebbly
45 cm BGS sandy X level

12 July 2013

p1-13-96 46

taking soil samples in test pits

S30 W55
45 cm BGS
15 cm BGS above the high water mark

S30 W60
42 cm BGS C level
22 cm BGS B level

S30 W65
42 cm BGS C level
24 cm BGS

S30 W70
42 cm BGS
19 cm BGS

Pits S30 W75 through W90 were not collected
since they are very close to the road.

S35 W50
40 cm BGS C level
22 cm BGS B level
6 cm BGS

S40 W50
44 cm BGS C
19 cm BGS B
5 cm BGS A

S45 W50
41 cm BGS C level
20 cm BGS B
5 cm BGS A

S50 W50 45 cm BGS C level 44 cm BGS gravel level
35 cm BGS B level
5 cm BGS A level

12 July 2013

PI-133-96 46

Taking soil sampler in test pits

S30 W55

45 cm BGS

15 cm BGS

above the high water mark

S30 W60

42 cm BGS

22 cm BGS

C level

B level

S30 W65

42 cm BGS

24 cm BGS

C level

S30 W70

42 cm BGS

19 cm BGS

Pits S30 W75 through W90 were not collected
since they are very close to the road

S35 W50

40 cm BGS

22 cm BGS

6 cm BGS

C level

B level

S40 W50

44 cm BGS

19 cm BGS

5 cm BGS

C

B

A

S45 W50

41 cm BGS

20 cm BGS

5 cm BGS

C level

B

A

S50 W50

45 cm BGS

35 cm BGS

5 cm BGS

C level

B level

A level

44 cm BGS gravel level

12 July 2013

p1-13-9747

Collecting Soil Samples

S55 W57

44 cm BGS Clevel

14 cm BGS Blevel

6 cm BGS Alevel

* 31 Clevel with rocks

S67

~~S67~~ W50

50 cm BGS

Clevel with many rocks, pebbles, can

21 cm BGS Blevel

7 cm BGS

S65 W50 and S70 W50 not collected, since they are close to other collected test trenches

~~S55~~ W55

S55

44 cm BGS Clevel

15 cm BGS Blevel

5 cm BGS Alevel

30 B soil with heavy rock concentration

~~S45~~ W55

using East face due to roots on the N

44 cm BGS Clevel

25 cm BGS Blevel

5 cm BGS Alevel

~~S45~~ W55

45 cm BGS Clevel

25 cm BGS

5 cm BGS

S35 W55 -- NOT EXCAVATED

S40 W55

41 cm BGS Clevel

25 cm BGS Blevel

5 cm BGS Alevel

Stone level could not be sampled

S35 W45 not excavated

~~41 cm BGS~~

~~cm~~

S40 W45

41 cm BGS Clevel

24 cm BGS

cm BGS

12 July 2013
Collecting Soil Samples

pl-13-97-47

S55 W50
44 cm BGS Clevel
14 cm BGS Blevel
6 cm BGS Alevel

* 31 Clevel with rocks

S60 ~~W50~~ W50
50 cm BGS Clevel ^{type soil} with many rocks, pebbles, cm
21 cm BGS Blevel
7 cm BGS

S65 W50 and S70 W50 not collected, since they are close to other collected test trenches

~~S55~~ W55
55 44 cm BGS Clevel
15 cm BGS Blevel
5 cm BGS Alevel

30 B soil with heavy rock concentration

~~S45~~ W55 using East face due to roots on the N
44 cm BGS Clevel
25 cm BGS Blevel
5 cm BGS Alevel

~~S40~~ W55
45 cm BGS Clevel
25 cm BGS
5 cm BGS

S35 W55 -- NOT EXCAVATED

S40 W55
41 cm BGS Clevel stone level could not be sampled
25 cm BGS Blevel
5 cm BGS Alevel

S35 W45 not excavated
~~41 cm BGS~~

S40 W45 41 cm BGS Clevel
24 cm BGS

cm BGS

12 July 2013

Taking soil samples
from SW area of site

~~45~~
SMB 45 W 45
44 cm BGS C level -- full of rocks, but no gravel or sand
25 cm BGS B level
5 cm BGS C level

~~50~~
SMB 50 W 45
45 cm BGS Y level
23 cm BGS B level
cm BGS A level
Y level, coffee-colored, very sandy

~~55~~
SMB 55 W 45
41 cm BGS
25 cm BGS
5 cm BGS

12 July 2013

Taking soil samples level
14
from SW area of level

* 31 level with rocks

45 50
SND W 45

45 44 cm BG level -- full of rocks, but no gravel or sand
565 W 525 cm S BG level collected, since they are close to
5 cm BG level other collected foot trenches

SND W 45
50 45 cm

45 cm BG level
23 cm BG level
cm BG level

B soil with heavy rock underneath
level, coffee-colored, very sandy

55
SND W 45

41 cm BG
25 cm BG
5 cm BG

28 June 2013

49

Names for features

Fron

kirk

Scott

Monument

Walter

Princess

Leith

Buchanan

Water

Firth

Forth

Bridge

Dean

Village

Modern

National

Scottish

Online

Angels

Bag piper

Wishart

Kitchen

Tower

Whisky ~~Whisky~~

Heritage

Lady

Chapel

Roslyn

Arthur

Seat

Grey Friars

Bobby

Hay (market)

Grass (market)

Toll (market)

Booth

Peoples

Childhood

Botanic

~~Ocean~~

lobsters

Goats

~~Wolf~~

Hessians

GRAINERY

Cornish

Pie

Burger

Wheat

Pizza

Express

Brasserie

Martin

Cafe

Festival

Russian

Passion

Memo

Costa

Red

Squirrel

Witchery

Brodie

Crithers

center

Markis

Spencers

Starbucks

Flesh

Shandwick

Tudor

~~Amel~~

Forty

Five

Gambertand

Bittie

Stinking

Covenant

Musselburgh

Penguin

~~From~~

King

North

~~XXXXXX~~

Bonnie

Charles

James

~~Daily~~

Zoo

Penguin

Father

Father

Ness

Print

Parliament

~~Square~~

Kitt

~~W~~

Fringe

28 June 2013

Names for features

From	Assam	Musselburgh
Kirk	lobsters	Pencrirk
Scott	Goats	From
Monument	WAP	King
Walter	Hessians	North
Princess	GRAINERY	XXXXXX
Birth	Comish	Banne
Buchanan	Flc	chatre
Water	Burger	James
Firth	Wannah	Daisy
Forth	Pizza	Zoo
Bridge	Express	Penguin
Bean	Brasserie	Tated
Village	Martin	Fartan
Modern	Cafe	Nessa
National	Festival	Print
Scottish	Russian	Parliament
Onion	Passion	Square
Angels	Nero	Kitt
Bagpipes	Gasta	Up
Wishart	Red	Fringe
Kitchen	Squirrel	
Tower	Witchery	
Whisky Whisky	Brodie	
Heritage	Crithers	
Lady	center	
Chapel	Markes	
Roslyn	Spencers	
Arthur	Starbucks	
Soat	Flesh	
Greyfriars	shandwick	
Robby	Tudor	
Hay (market)	Anti	
Grass (market)	Forty	
Toll (market)	Fice	
Beath	Gambertand	
Peoples	Billie	
Childhood	Stinking	
Banana	Covenant	

St. Leonard
Mormingdale
Dryden
Odgers
Hayfield
St. Wendell

NK W35 'E' level
N9 W35 'D' "

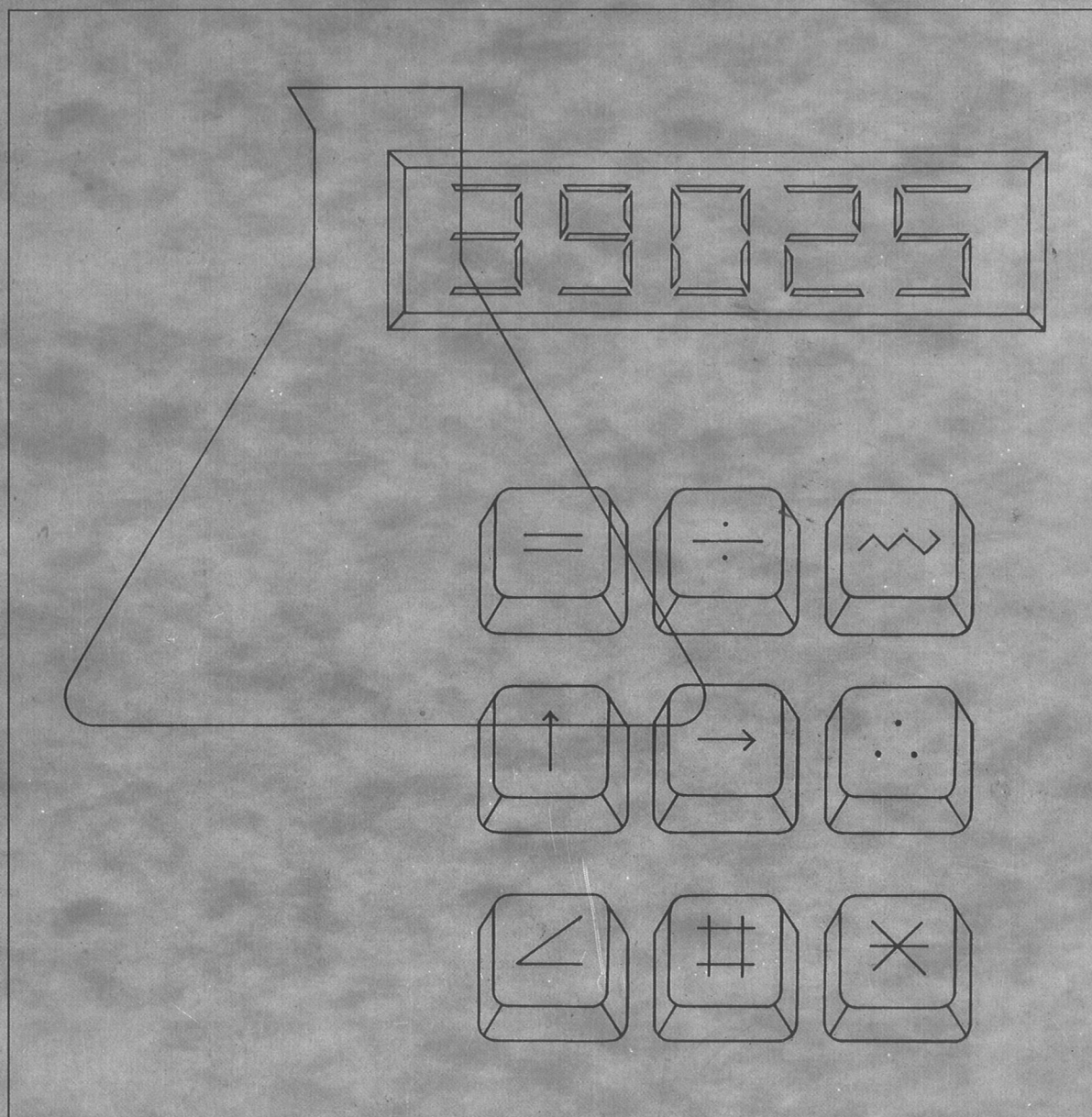
n.

1445

 **National® Brand**

Laboratory Notebook

6, 7-10-19
19-21
24-25
1-5
8-12
17-19
28-29



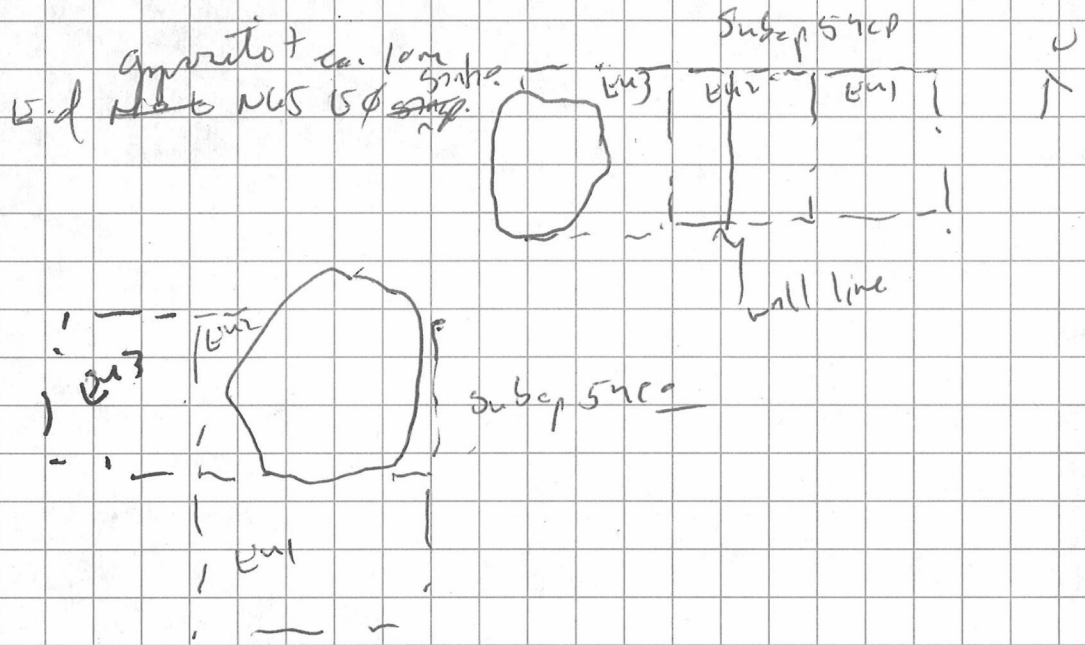
4x4 Quadrille Ruled
50 Sets 11"x 9"
Reorder # 43-647

7/13/13
536-509

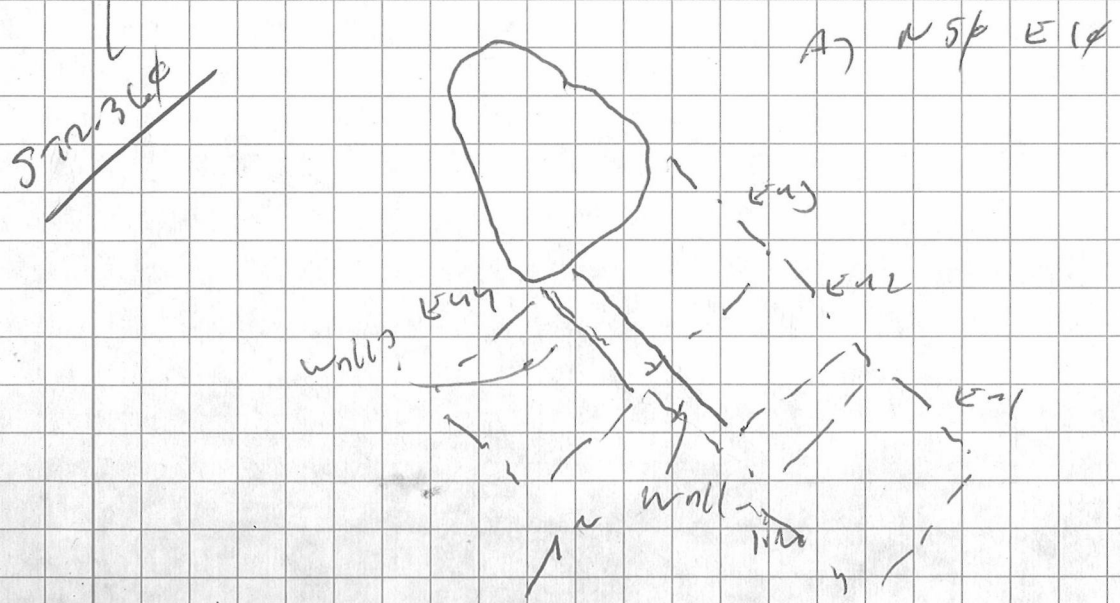
7/13/13

Subp. 5400 - 1x2m (N-S) trench set against the S. side of a large rock on the N. edge of the lower terrace

572361 Subp. 5700 - 1x3 m (E-W) trench set against the E. side of a large rock adjoining the N. of the Subp. 5400 boulder. might (1 + rd on)



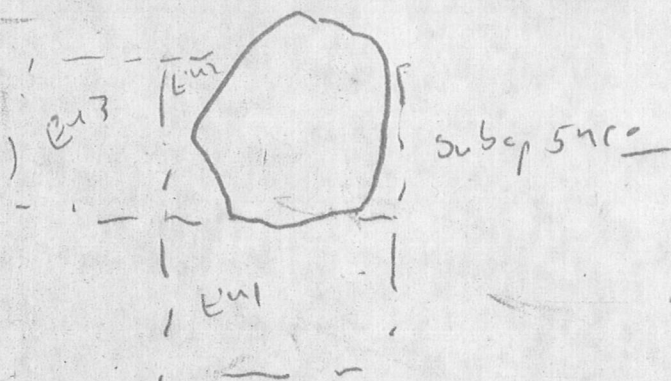
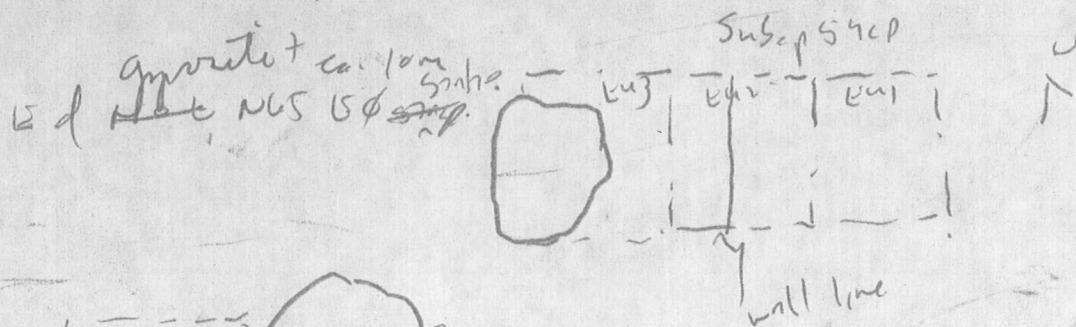
Subp. 5700 (Luciet den T174) large rock on 17m S. of Subp. 5700 + CP, 1x3m NW-SE + 1m rock S. S.



7/13/13

July 5400 - 1x2m (N-S) trench set against the S. side of a large rock on the N. edge of the lower terrace

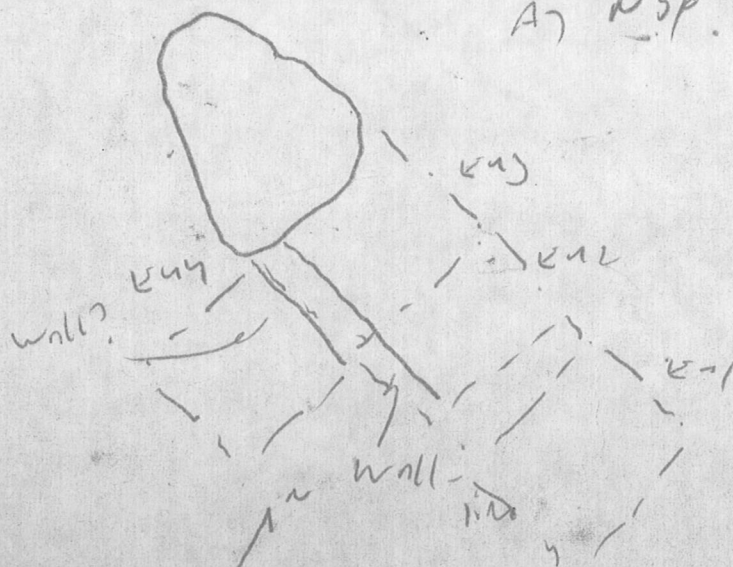
572.361 July 5700 - 1x3 m (E-W) trench set against the E. side of a large rock adjoining + N of the July 5400 boulder. mycel + rd on



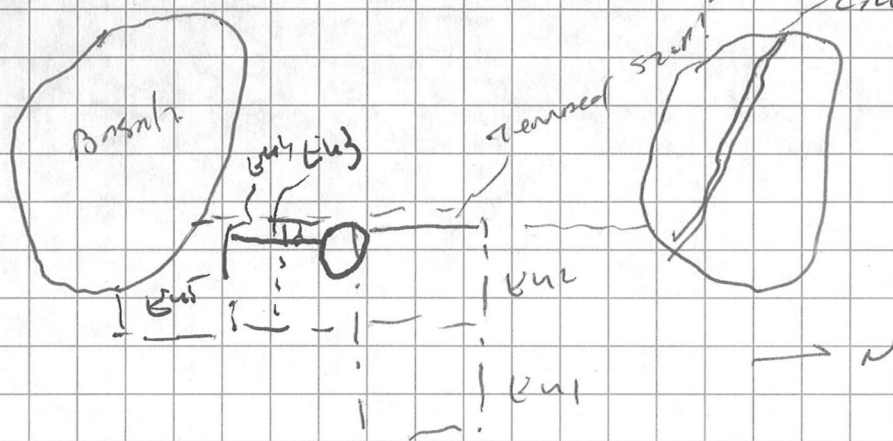
July 5700 (buciet down T100) large rock on 179 S of July 5700 + CP, 1x3m N-S + 1m rock S-S.

A7 N 50° E 14

572.364

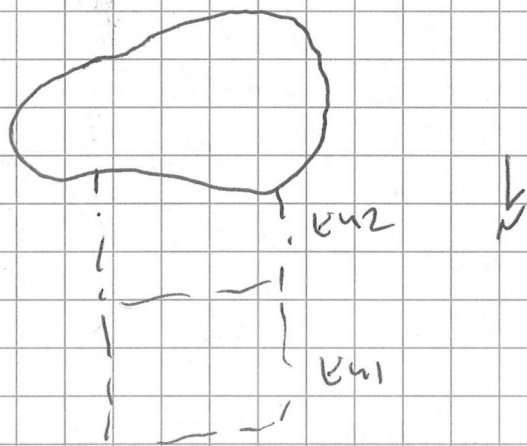


July 54 CR - 1x2 m (E-W) set against the line
of the SB. terrace flanked by 2 large boulders
crush. mound + choppy

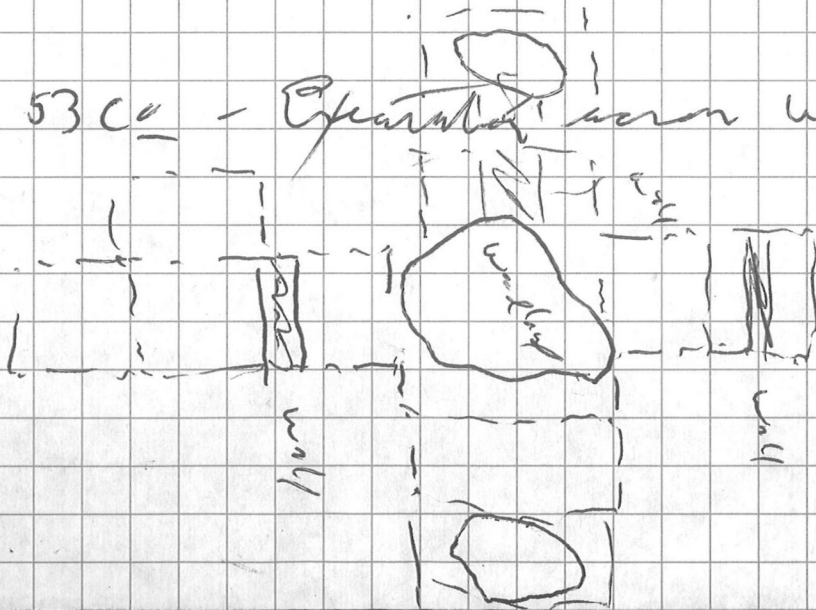


July 54 CS 1x2 m trench (N-S) ^{N-Side} set against a
large boulder, ca. 5m S of N24 W 15°.

New S.D.

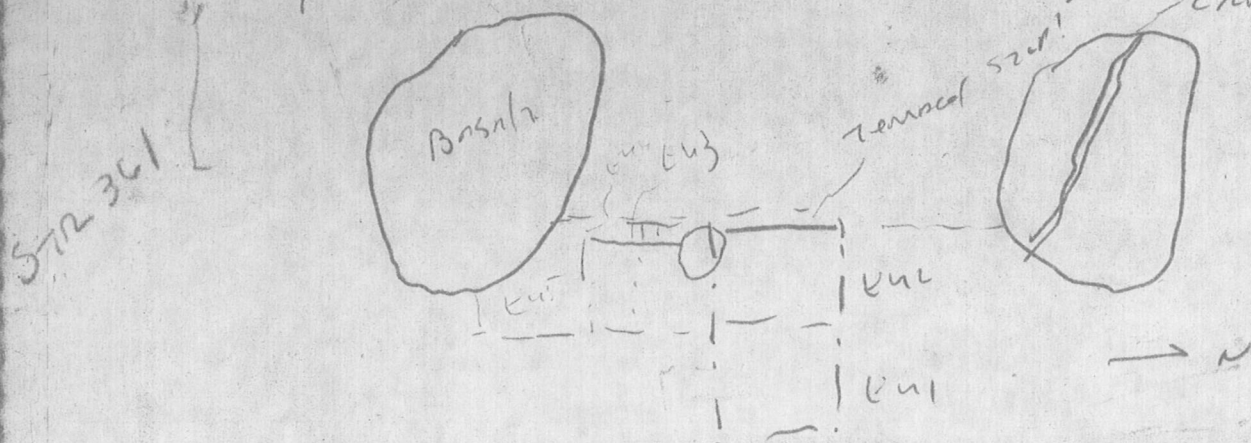


July 53 CR - Excavated across woodland north.

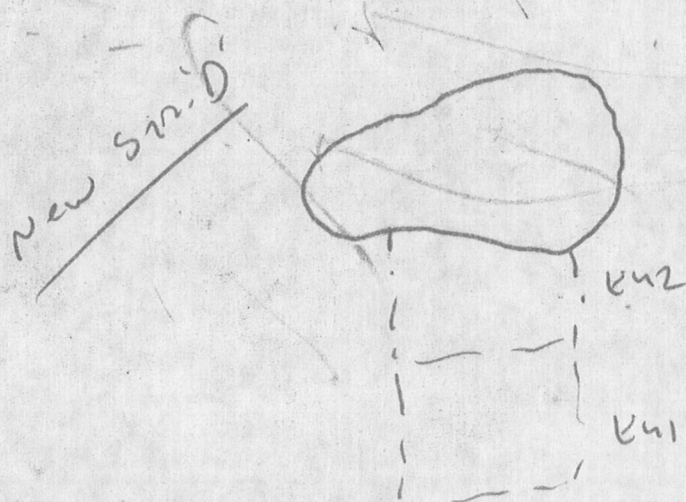


all east 1x2
5 m west
6 m W-W

July 5402 - 1x2 m (E-W) set against the base
of the SE. terrace flanked by 2 large boulders
crush. mineral + cherty

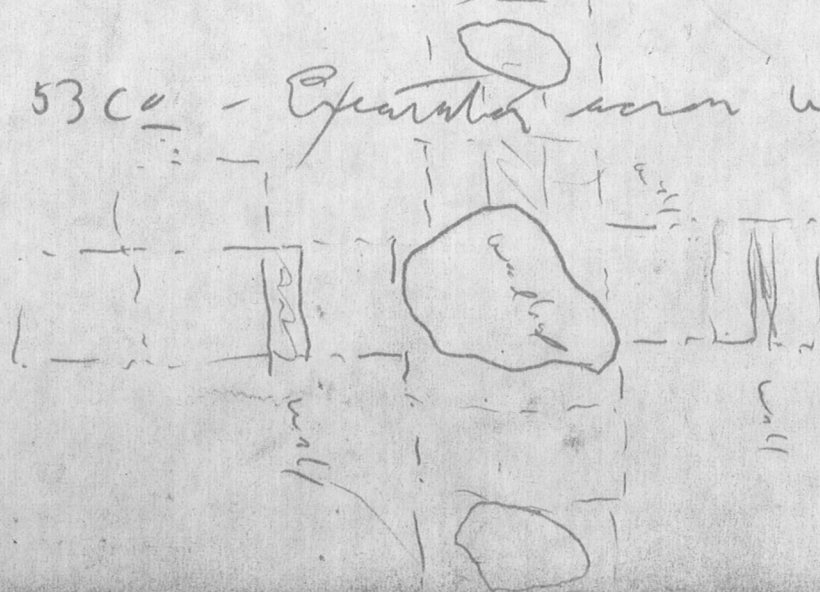


July 5405 1x2 m thick (N-S) set against a
large boulder, ca. 5 m S. of N24 W 15°



572361

July 5300 - Excavation across W. side of road



all cuts 1x2 m
5 m N-S
6 m E-W

~~July 53CP~~
 July 53CP - 05x0.7m pit dry area. 8m SO of July 53CN
 is remnant of material associated with re processing
 of the 4-71 lge. rock. (feature) - no more

July 53C9 - pit dry area. 7m W of July 53CP + 4.1m
 July 53CA - regarding with more success, for
 debris associated with the 4-71 - 1x1m.

Soil sampler - 53 CN

Basal level 82cm S.S.
 M-47 level up 57cm.
 Ground level 36cm
 Level above ground cur. n. 35cm.
 B level 20cm
 A " 6-5m

July 53C9 - 1x1m pit - but a dense layer of stone
 and rubble debris at 0.2m bgs - but the layer
 seems to be no thicker than 0.1m being underlain
 by a light brown fine clay. There is 5m 1m soil
 small stone thick. Doesn't show up as July 53CP
 to the E.

Summary July/ the.

the. 373 - July 53CA

the. A - July 53CC

the. 379 - July 54CC, CD, CE, CN

the. 365 - July 54CA

the. C - July 54CP, CG, CH, CI, CJ, CK, CL

the. 361 - July 54CC, CP

the. 360 - July 54C9

the. D + B. 2 - July 54CS

the. B - July 54CB (Big-Boulder Building)

S. Rock Block - July 54CB

Sept pit outside the Gul - July 53CD, CE, CF, CG, CH, CI, CJ, CK, CL,
 CM, CP, CQ, 54CM

the. 368? & July 53CM

Woodland Rock July 53CQ

SE. Denoee Gace July 54CR

the. E = 54CA

~~July 53CP~~ - 0.5 x 4.7 m pit dry ca. 8 m SE of July 53CN
in reach of material associated with re processing
of the 4-71 lge. rich feature) - no more

July 53C9 - pit dry ca. 4.7 m W of July 53CP + 4.1 m
S. of July 53CA - regarding, with more success, for
debris associated with the 4-71 - 1x1 m.

Soil Sample - 53CN

Basal level 82 cm by S.

Next level up 57 cm.

Gravel level 36 cm

(local above gravel ca. 35 cm)

B level 20 cm

A " 6-5 m

July 53C9 - 1x1 m pit - but a dense layer of stones
and rubble debris at 0.2 m S.S. - but the layer
seems to be no thicker than 0.1 m, being underlain
by a light brown fine clay here in E.U. - ca. 1
small stone thick. Do not show up in July 53CP
to the E.

Summary - July/Aug.

tr. 373 - July 53CA

tr. A - July 53CC

tr. 379 - July 54CC, CD, CE, CN

tr. 365 - July 54CA

tr. C - July 54CF, CG, CH, CI, CJ, CK, CL

tr. 361 - July 54CE, CP

tr. 360 - July 54C9

tr. 9 + B. 2 - July 54CS

tr. B - July 54CB (Big-Boulder Building)

S. Rock Block - July 54CB

Set pit outside the shed - July 53CD, CE, CF, CG, CH, CI, CJ, CK, CL,
CM, CP, CO 54CM

tr. 368? & July 53CM

Woodland Rock July 53CO

SE. Renoce Gaze July 54CR

tr. E = 54CA

Long

7/13/13

steady & above, & strong

End 53 ^{cc} ~~EN~~ / 99 (0-0.2m bgs, 0.5x0.5m (internal) pit, NB. corner drive 1x4m

5. 5. 2021 / 12. 0.2-0.3 m 35, " " " " " " " "

✓ cash, hand, by, sing, chess, beer

cur 58 ch 143 - c - 0.2m by 0.5 x 0.5m extending to the W. of the
ingrid 0.5 x 0.5m pit. Sheds by, bays

Q3) 53 $\text{C}^{14}/\text{C}^{12} = 0.017$ in bog, 0.5×10^{-12} increased S. of the original
 0.5×10^{-12} in p.T. Shelly, δ_j , obsidian, bone (, Q3)

2.5 x 1.5 m pit, shallow, by obsidian base (44)

644 5388/995 - c. -0.2 m by 5. 0.5 x c. 7 m extension S. of the 2nd
649. sharp, by

54. Shards, 5/

542 1814

[illegible]

444; 1 443

5348/46 - 0.21% H_2S , juvenile Gultz - carbon sample

7/18/13 ⁵⁷ CR/443 0-0.5m bgs, E44+5, sherd, chert

1/5 CA/141 ~ 0-0.2m LSS Eul, "shells" b5

50 CK/442 0.2-0.4m³ by 5m, shanty, bi

~~50 CR/492~~ 50 CR/493 0.4-0.5 m bgs, Gul. shelly, bi, obsidian

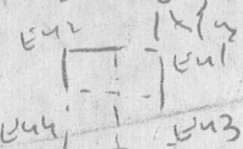
150 CA/444 0-0.15 m bgs, 642, shear, 6, obsidian (green blades)

Log

7/13/13

shandy + bj + base, + slng

- Eul 53^{CG}CA/441 0-0.2m bgs, 0.5x0.5m initial pit, NE corner of table 1x1
- Eul 53^{CG}CA/442 0.2-0.3m bgs, " " " " " "
- Eul 53^{CG}CA/443 - 0-0.2m bgs, 0.5x0.5m extension to the W. of the original 0.5x0.5m pit. Shandy, bj, base
- Eul 53^{CG}CA/444 - 0-0.17m bgs, 0.5x0.5m extension S. of the original 0.5x0.5m pit. Shandy, bj, chert, base (Eul 3)
- Eul 53^{CG}CA/445 - 0-0.2m bgs, -0.5x0.5m extension S. of the end of Eul. Shandy, bj



53^{CG}CA/446 - 0.21m bgs, junction Eul + 2 - carbon sample

- 7/18/13 53^{CG}CA/443 0-0.5m bgs, Eul + 5, shandy, chert
- 53^{CG}CA/441 0-0.2m bgs Eul, shandy, bj
- 53^{CG}CA/442 0.2-0.4m bgs, Eul, shandy, bj
- 53^{CG}CA/443 0.4-0.5m bgs, Eul, shandy, bj, chert
- 53^{CG}CA/444 0-0.15m bgs, Eul, shandy, bj, chert, all green blocks

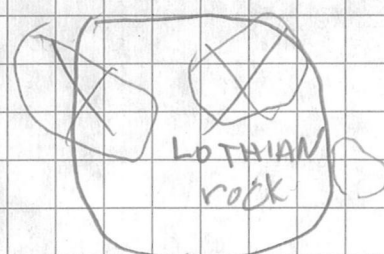
17 July 2013

p1-13-103 85

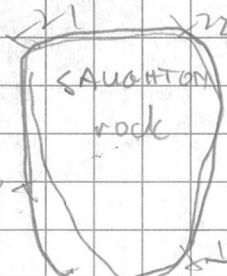
54609 5460 CP

5460

sketch



LOGARHAM line



COWGATE rocks

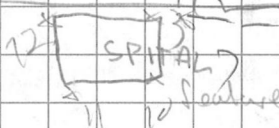


26-327 35cm

GORGIE line

CP

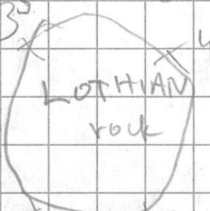
see to seabed in preparation



BOW line?



BELGRAVE line x 7



5460

41 42 43 44 45 46 47 48 49

5460

5460

5460

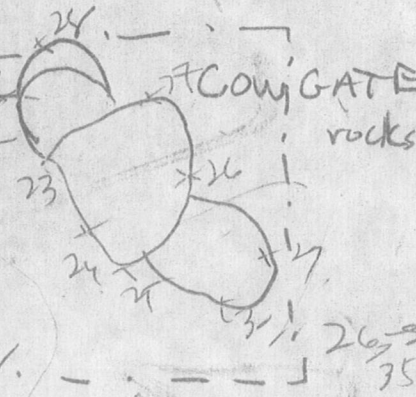
17 July 2013

pl-13-103 05

54609 5460 CP

54 C20

sketch



LOTHIAN line

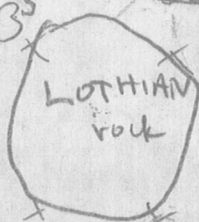
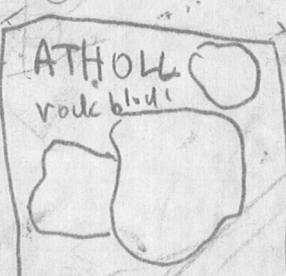
GORGIE line

CP

SPITAL

BOW line?

see to seabed in preparation



BELGRAVE line

34/50

5460

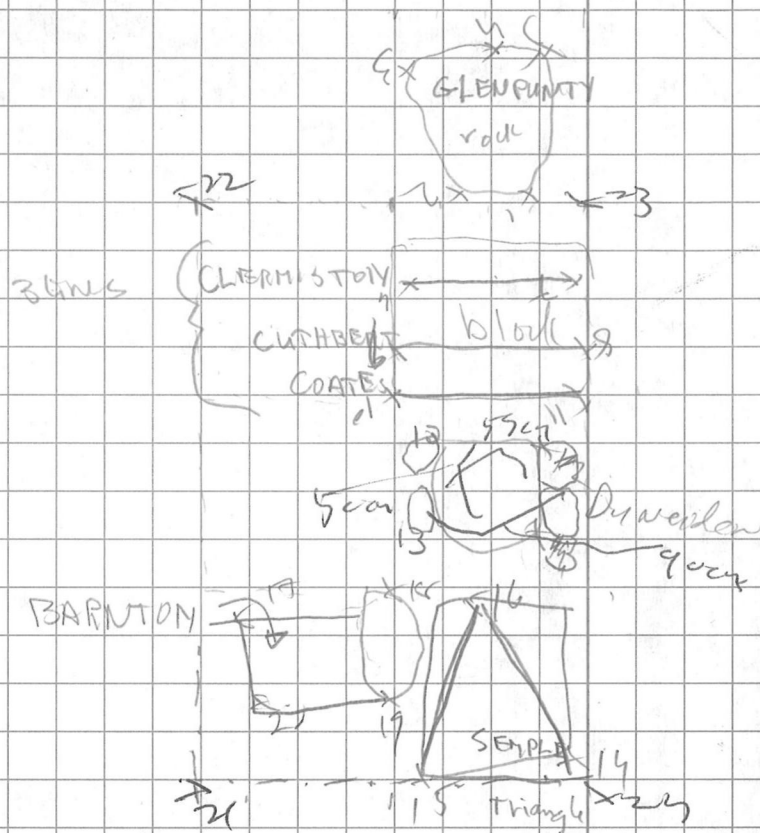
5460

17 July 2013

pl-13-104

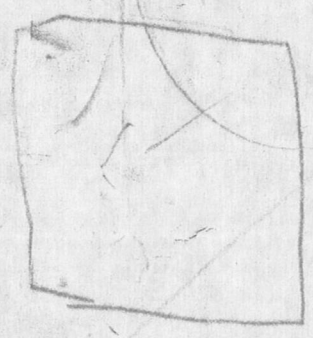
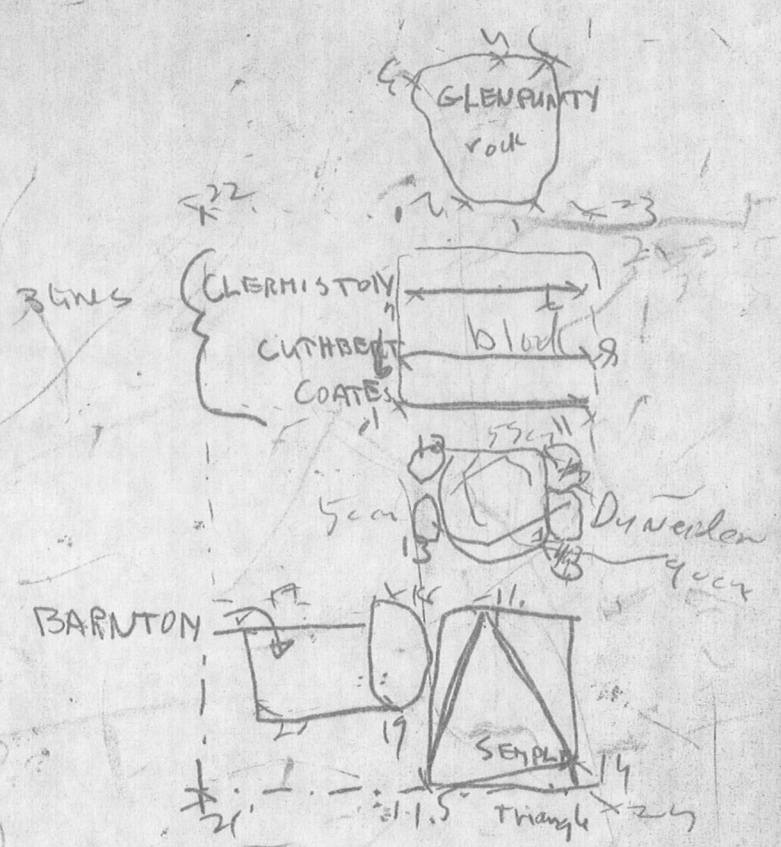
06

54 CR



17 July 2013
54 CQ

pl-13-104 06

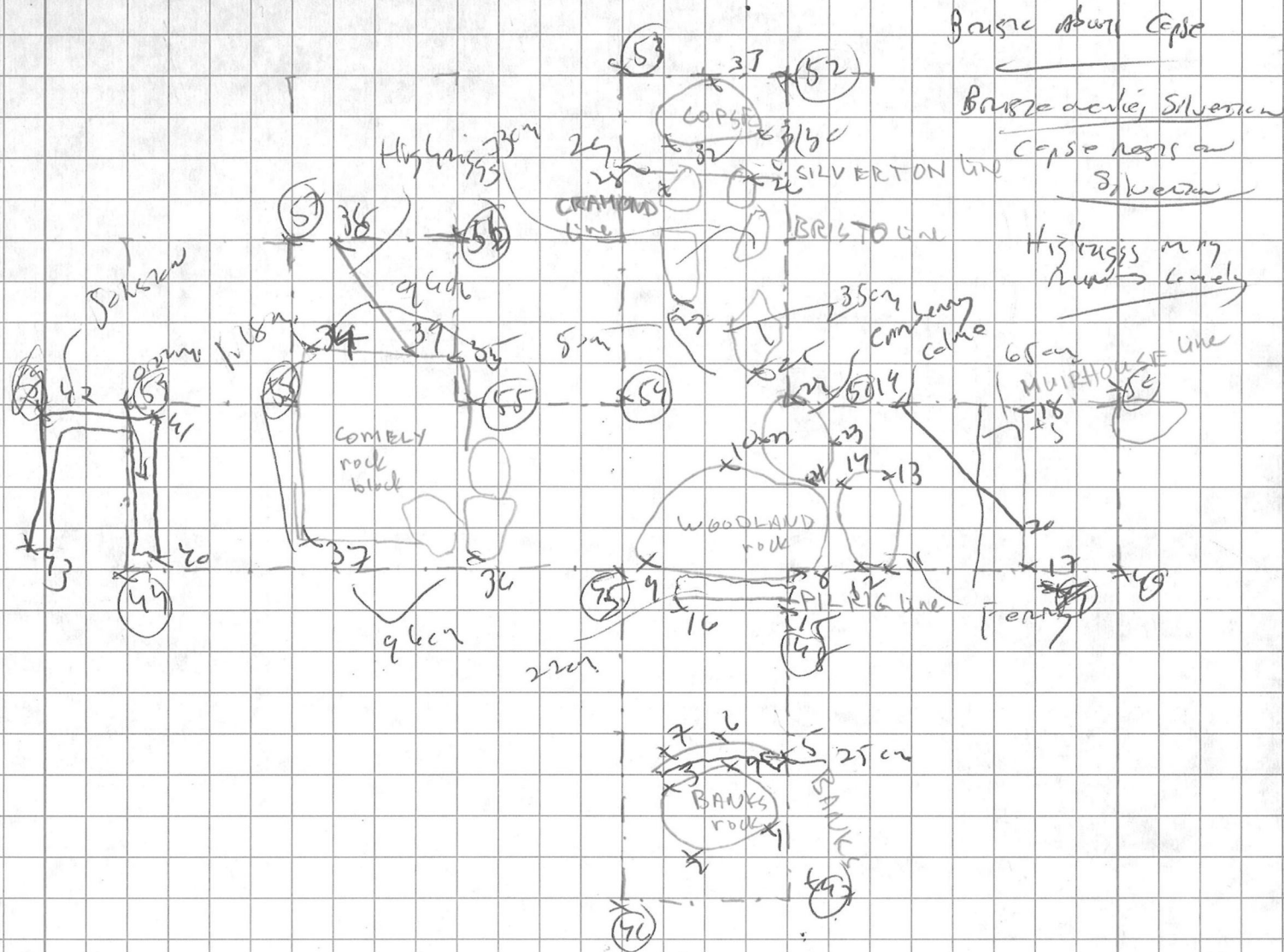


Handwritten notes and scribbles at the bottom left of the page, including the word "Figure" and various illegible markings.

53 CR Sketch Plan

p1-13-1507

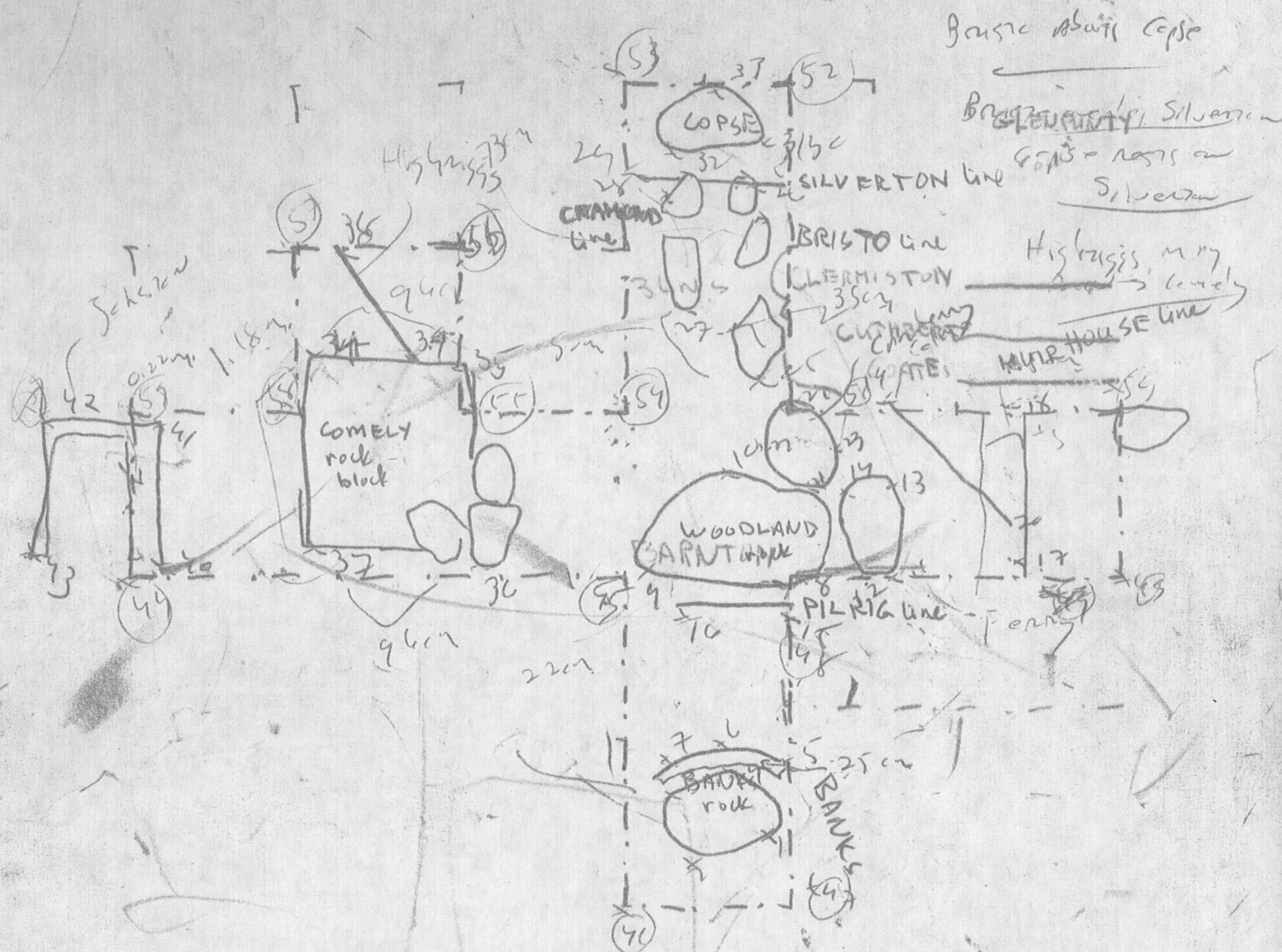
some what to scale; not oriented cardinally



17 July 2013 CR Sketch Plan

91-13-10507

some what to scale; not oriented cardinally



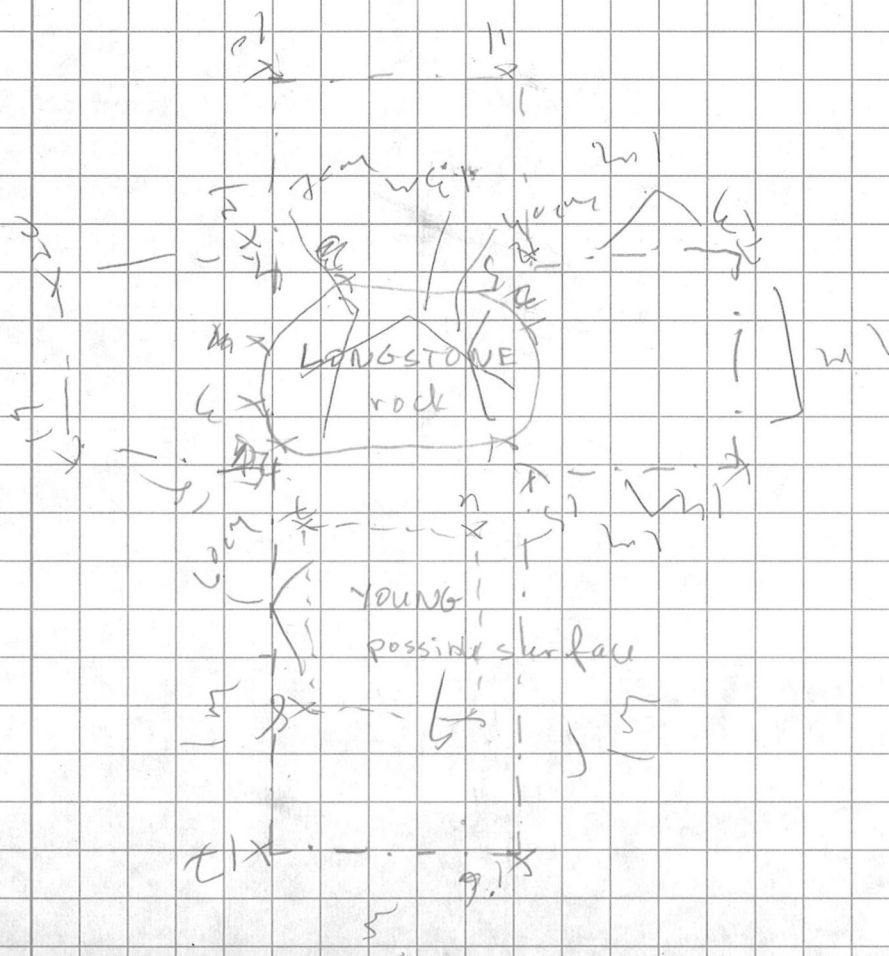
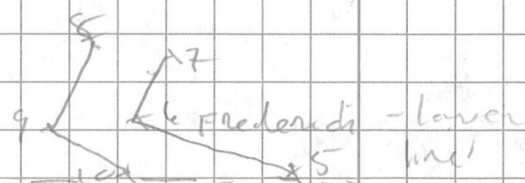
18 July 2013

08

sketch plan of 54 CS

-Sketch 7/19/13

Subcp 53CN



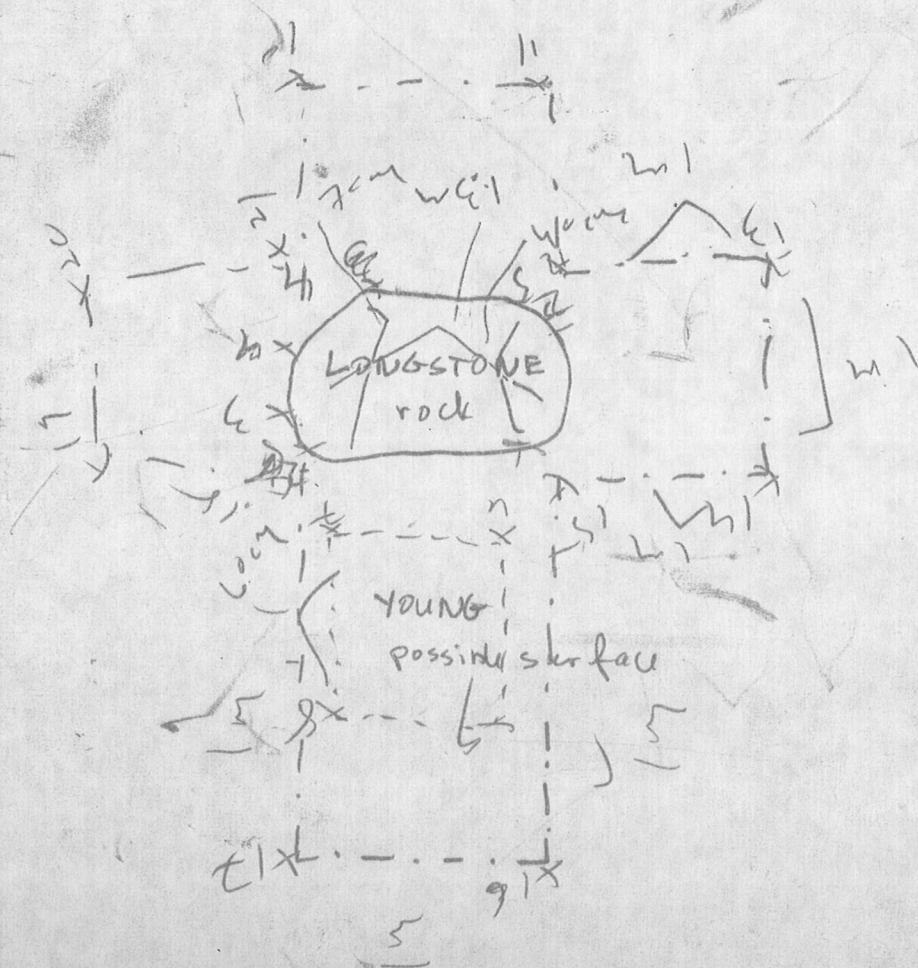
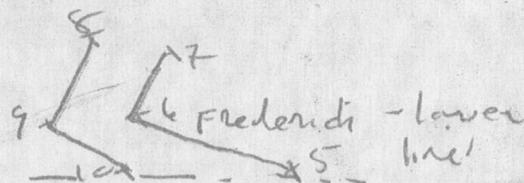
18 JULY 2013

08

sketch plan of 54 CS

-sher 7/19/13

Subsp 53cm

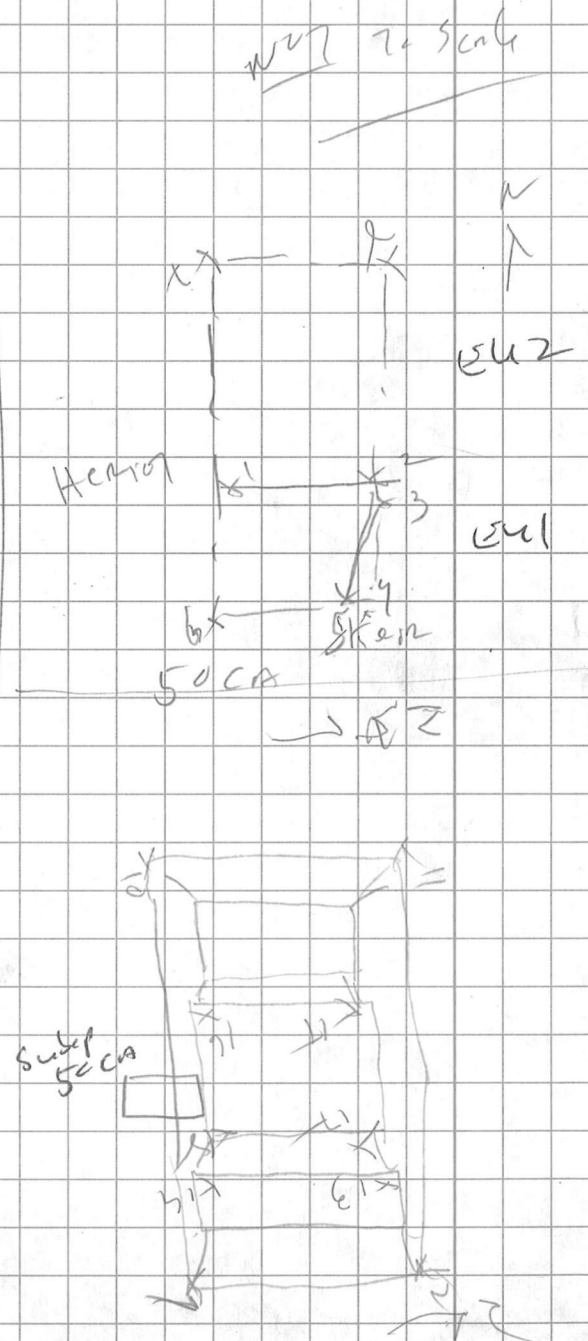
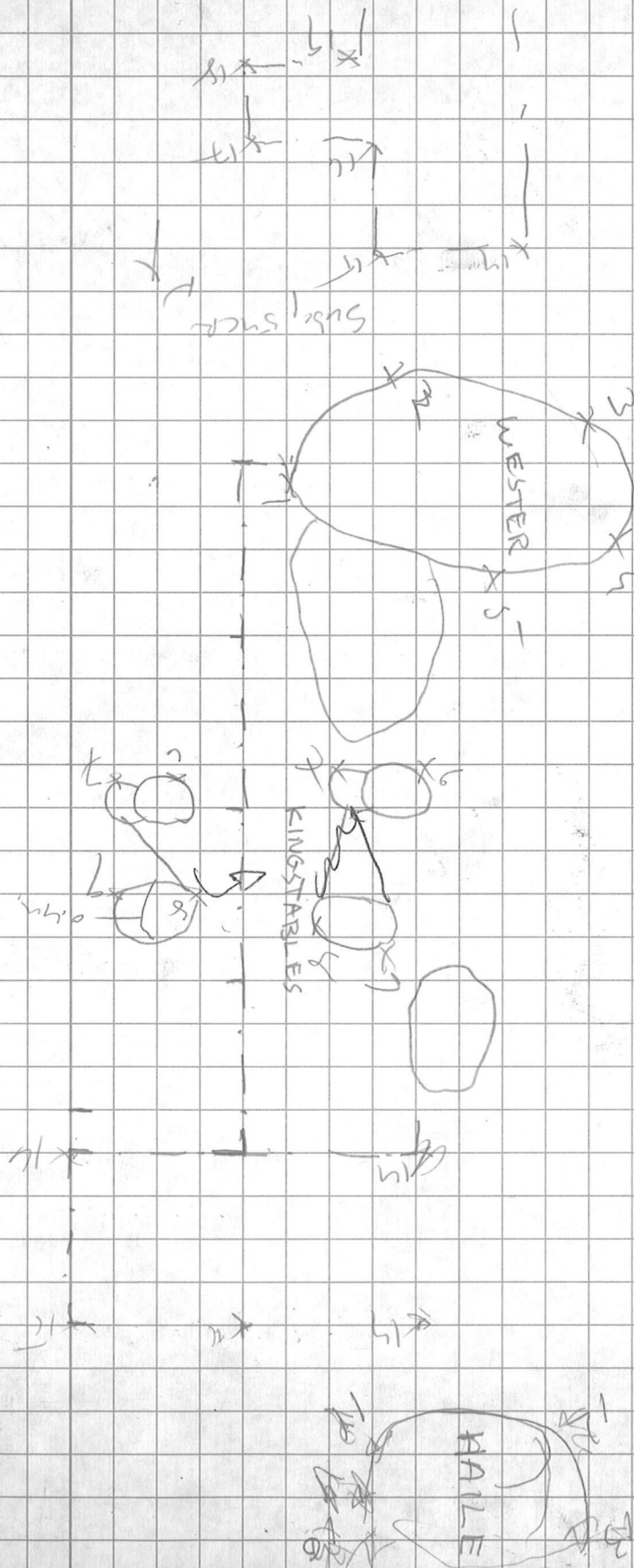


17 JULY 2013

09

OP54 CR sketch plan

not to scale; not oriented to cardinal directions



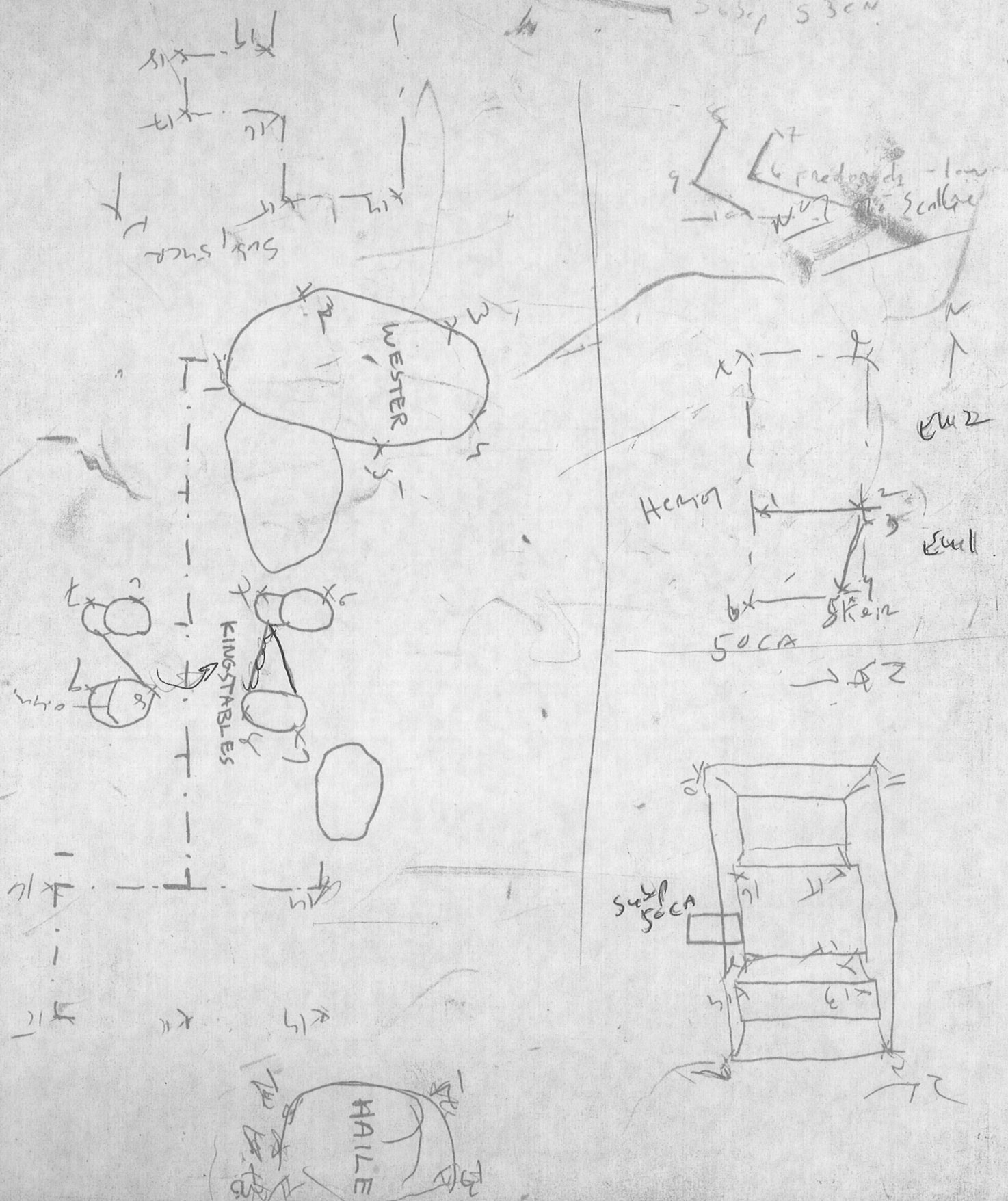
17 July 2013 -

OP54 CR sketch plan

not to scale; not oriented to cardinal directions

- site 7/17/13

Subop 53CA



M2 2013

Subep 50CA, 53 CA/CG, 54CA/CS

10

Subep

53CC

53CM

~~W~~ 53CO

54CA

54CB

54CC, CD, CE, CM

53CA

53CI

53CD

53CE

53CF

53CG

53CH

53CI

53CK

53CL

53CN

54CF, CG, CH, CI, CJ, CK, CL

54CM

50CA

54CG

54CG, CP

54CR

54CS

53CP

53CG

53CB

Test 5+N sequence

Str.

A

368?

Woodland

365

BC Perrey

379

373

Test.

"

"

"

"

"

"

"

"

"

C (Cath)

(Reck)

E.

Glennperry Reck

Lorhaut Slaughter Reck

Wessex + H. Reck

D + Longstone

Test

"

Sunface Reck Block

Test 1 p. 15 (Cath + Tm)

M2

2830

13

26.5 11

37

27 25

39+3=42

18m 2

4m 2

1

5

1

4

1

1

1

2

7

106

2

2

9

14

6

4

0.25

1

4

47

9480.5

Total
28 field days398.25
14m²/day on average

M2 2013

Subep 50CA, 53 CA/CG, 54CA/CS

10

Subep.

53LC

53CM

~~W~~ 53CO

54CA

54CB

54CC, CD, CE, CN

53CA

53CI

53CD

53CE

53CF

53CG

53CH

53CI

53CK

53CL

53CN

54CF, CG, CH, CI, CJ, CK, CL

54CM

50CA

54CG

54CC, CP

54CR

54CS

53CP

53CQ

53CB

Test S+N sequence

S72.

A

368?

Woodland

365

BC Ferry

379

373

Test.

"

"

"

"

"

"

"

"

"

C (A)

(Reck)

E

Glenpenny Reck

Lorhiout Sanguier Reck

Western H. H. Reck

Ot Longstone

Test

"

Sunface Reck Block

Test pits (col. & test)

M2

~~28~~ 30

13

26.5 11

37

~~27~~ 25

50.22

18m 2

4m 2

1

5

1

4

1

1

1

2

7

106

2

2

9

14

6

4

0.5 0.25

1

4

47

393 = 42

94 x 0.5

Total
28 field days398.25
14m 2/day on average

potstand 53pW54/441-1

CAC₉ paste

L. 5.4cm

W. 3.7cm Th. 0.6cm

JAR/shoulder join - form under, does not go to the rim

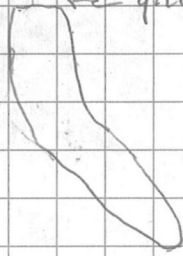
For ground to flatten top:

color - shifted orange/red. No baked

1:1

clay

moderately eroded.



edge broken but smoothed

48000
58000

12

POTSTAND S 3p w 54/44 1-1

CALC PASTE

L. 5.4cm

W. 3.7cm Th. 0.6cm

JAR/SHOULDER JOIN - form unclear, does not go to the rim

→ ground to flatten top.



1:1

color - shifted orange/red. No baked

clay

moderately eroded.

edge broken but smoothed.

51-52cm

0.5

54CA/008-1

Stamp

12

CAN, paste

very little erosion

L 3.5cm W 2.3cm Th 0.7cm

seems to be from a rectangular stamp, very flat.

no sign of a handle on the back

smooth, no paint.



1:1

Looks like a profile view of a human, right arm and part of the wrist visible along with the chest and some sort of necklace/gorget. A belt is also visible.

54CA/448-1

Stamp

12

CAN, paste

Very little erosion

L 3.5cm

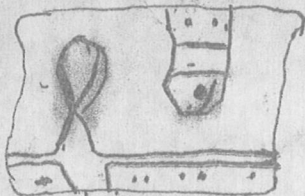
W 2.3cm

Th. 0.7cm

seems to be from A Rectangular stamp, very flat.

NO sign of a handle on the back

Smoothed, N-print.



1:1

Looks like a frontal view of a human, right arm and part of the waist visible along with the chest and some sort of necklace/gorget. A belt is also visible.

53CA/032-1

worked sherd

13

SJg

lightly ended

Part of a jar body

L

4.3cm

W

2.4cm

Th. 0.9cm

Chipped Along the edge to make a semi-circle.
moderate use (smoothing) along that curved edge.



1.1

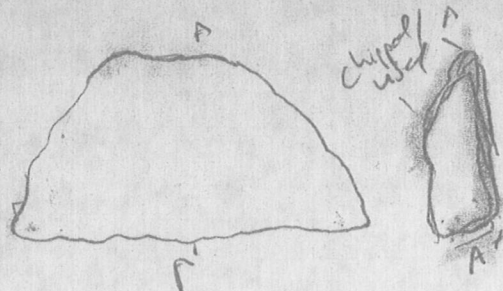
53CA/032-1

worked shard

13

SJg lightly ended Part of a jar body
L 4.3cm W 2.4cm Th. 0.9cm

Chipped Along the edge to make a semi-circle.
moderate use (smoothing) along that curved edge.



2157

1

A

53CL/447-1

Strap Ladle Censer

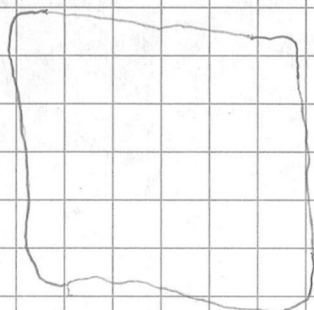
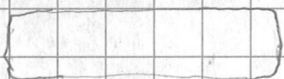
14

L 3.5 cm

W 3.6 cm Th. 1 cm.

SS paste Heavily etched
Flm part of a strap-ladle Handle.

side



top

1:1

Round, finished edges

Smoothed Surfaces.

53CL/497-1

Strap Ladle Censer

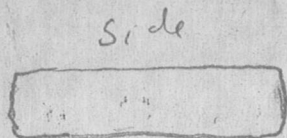
14

L 3.5 cm

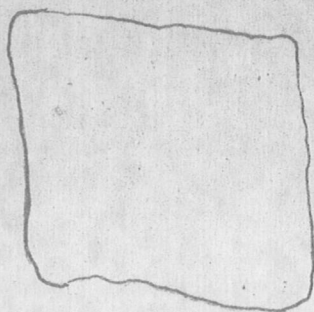
W 3.6 cm Th. 1 cm.

SS paste Heavily etched
Flm part of a strap-ladle Handle.

Round, finished edges



Side



Top

1:1

Smoothed Surfaces.

53φ W5φ 1/41-1

Stamp Ladle censer 15

PNg paste

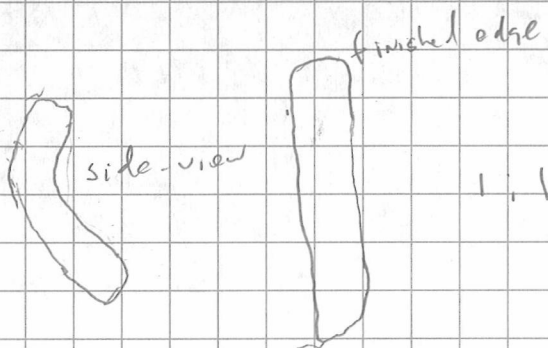
Heavily eroded

L 2.7cm

W 3.8cm Th. 0.8cm.

Distal (curved) end of a stamp ladle censer

The one preserved edge is smoothly rounded



Smoothed surface

53φ W5φ 1/41-1

Stamp Ladle Censer 15

PN₉ paste

Heavily eroded

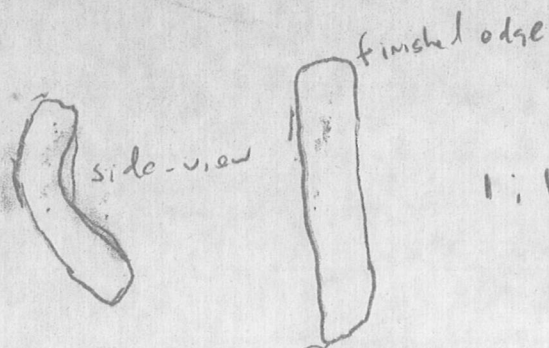
L 2.7cm

W 3.8cm Th. 0.8cm.

Distal (curved) end of a stamp ladle censer

The one preserved edge is smoothly rounded.

1501



Smoothed surfaces

53CA/ #3-1

Strap Ladle Censor 16

Distal (curved) End of A ~~LA~~ Strap Ladle Censor

L 3.1cm W 2.8cm TH. 0.3cm.

PM, paste; Heavily eroded.
Finished Edges Rounded.

NOT DRAWN

Smeared surfaces.

53CA/P#3-1

Strap Ladle Censor 16

Distal (curved) end of A ~~LA~~ Strap Ladle Censor

L 3.1cm W 2.8cm Th. 0.9cm.

PM₅ paste, Heavily eroded.
Finished edges rounded.

NOT DRAWN

Smeared surfaces.

53 CA/029-1

Strap Ladle 17
CEN 52

PN₂ paste

moderately eroded

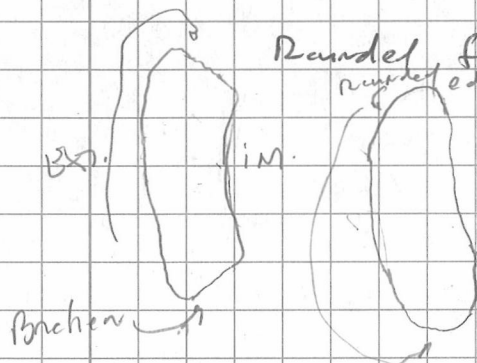
Smoothed Surfaces.

L 3.2cm

W 3.1cm

Th. 1.2cm

Distal (curved) end of a Strap Ladle CEN 52



Rounded finished edges

rough edge

1:1

53 CA/029-1

Strap Ladle 17
CENSEN

PN₃ paste

moderately eroded

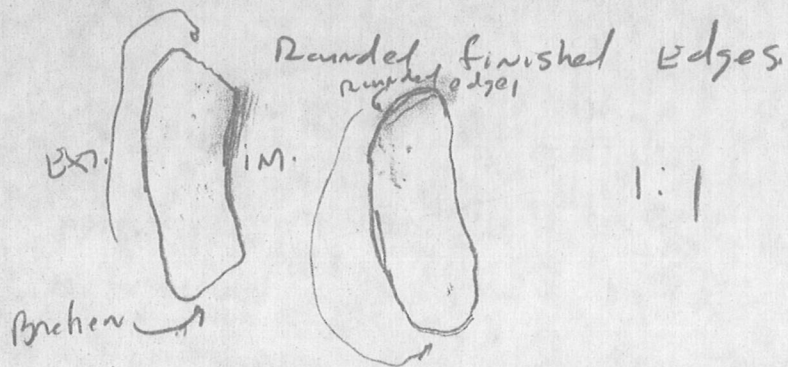
Smoothed Surfaces.

L 3.2cm

W 3.1cm

Th. 1.2cm

Distal (curved) end of a Strap Ladle CENSEN



50 CA/443

Figure

18

CAN coarse group paste

part of a headdress
Hollow

L 2.1 cm W 1.5 cm Th. 0.4 cm.

Heavily eroded.

not

drawn

no finishing marks

50CA/443

CAN coarse group paste

Figurine

18

part of a headdress
Hollow

L 2.1cm W 1.5cm Th. 0.4cm.

Heavily eroded.

not drawn

no finishing marks

53 CA/ 77-1

Figure

19

PIT₅ paste

Hollow

Heavily eroded

L 2.5cm W 1.5cm Th. 0.4cm.

PART of the body? Smooth, no finishing marks

NOT DRAWN

53CA/474-1

Figurine

19

PITs paste

Hollow

Heavily eroded

L 2.5cm W 1.5cm Th. 0.4cm.

PART of the body? smoothed, no finishing marks

NOT DRAWN



53 CA/042-1

~~Single-chambered~~
Figure

20

CANg PASTE

Hollow

L. 3.1cm W. 2cm Th. 0.5cm.

Moderately eroded.

1 hole ~~between chambers~~ - vent - partially preserved.
Diam. \pm 1.4cm

Smoothed exterior.

Molded
Body piece?

Not Drawn

53 CA/Ø42-1

Figurine ~~Single-chamber oolite~~ ~~Figurine~~ 20

CANg PASTE

Hollow

L. 3.1cm W. 2.1cm Th. 0.5cm.

Moderately eroded.

1 hole ~~between chambers~~ - vent - ^{unlike} partially preserved.
Diam. \pm 1.4cm

Smoothed exterior.

Molded
Body piece?

Not Drawn

53CA/ p72-1

Figure 21

CANg PASTE

Hollow

L. 3.5cm

W. 1.6cm

Th. 0.4cm

moderately eroded

smoothed exterior

NO finishing marks visible

NOT DRAWN.

Body piece?

53CA/p72-1

CANg PASTE

Figure

21

Hollow

L. 3.5cm

W. 1.6cm

Th. 0.4cm

moderately eroded

smoothed exterior

used

No finishing marks visible

NOT DRAWN.

Body piece?

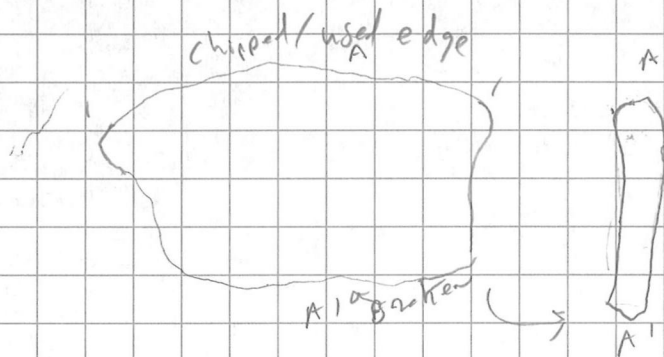
53 CI/448-1

Worked Sheet 22

SJ9 bowl body

chipped edges to make a
semi-circle.

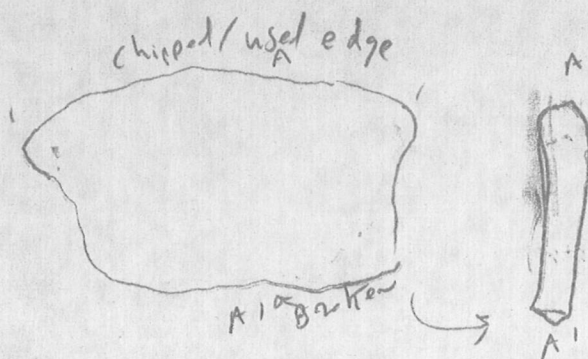
Little to moderate smoothing on the edge,



SJ9 bowl body

Chipped edges to make a
semi-circle.

Little to moderate smoothing on the edge.



53CA/465-1

USED Sherd 23

SJg paste

Bowl body

Smeared from use along
the broken edge down into the
interior.

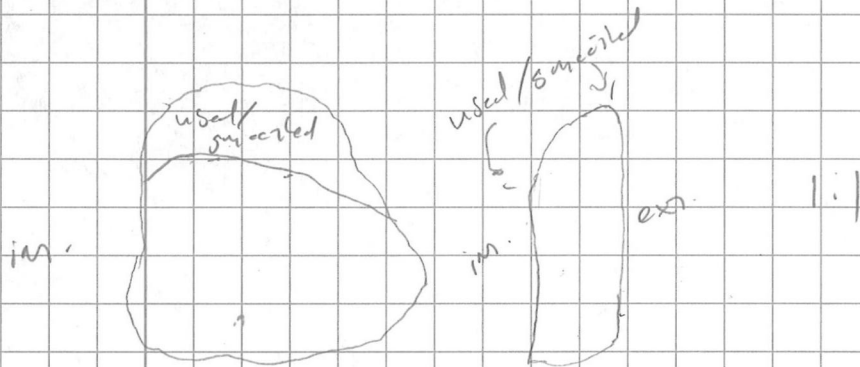
Moderate smoothing / use.

L. 3.8 cm

W. 3.5 cm

Th. 1 cm

Moderate erosion



53CA/965-1

USED Shear 23

SJg paste Bowl body Smoothed from use along
The broken edge down into the
interior.
moderate smoothing / use.

L. 3.8 cm

W. 3.5 cm

Th. 1 cm

moderate erosion



S59 w5p / f01-1

Worked Shear 24

PITg jar body

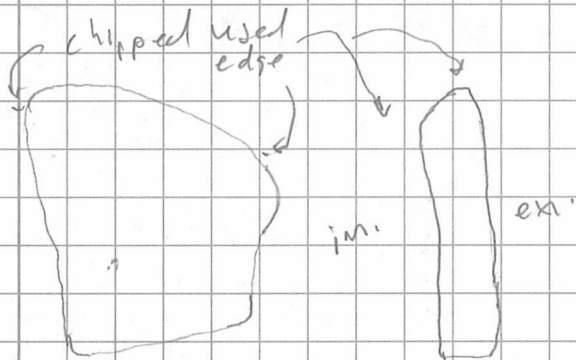
Chipped curved edge, moderate smoothing / use along the edge.

moderate erosion

L. 3.4cm

W. 3cm

Th. 0.7cm



Smoothed / used portion continues onto the Shear's interior

554 w5p / p01-1

Worked Shear 24

PITg jar body

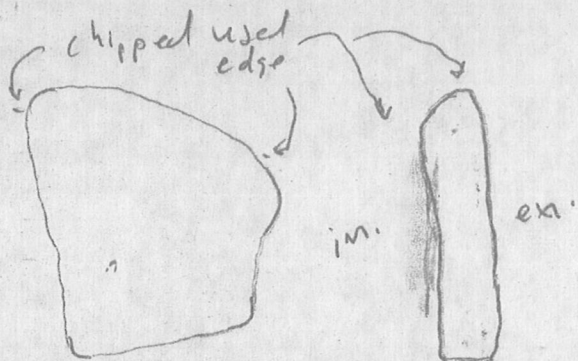
chipped curved edge, moderate
smoothing / use along the
edge.

moderate erosion

L. 3.4cm

W. 3cm

Th. 0.7cm

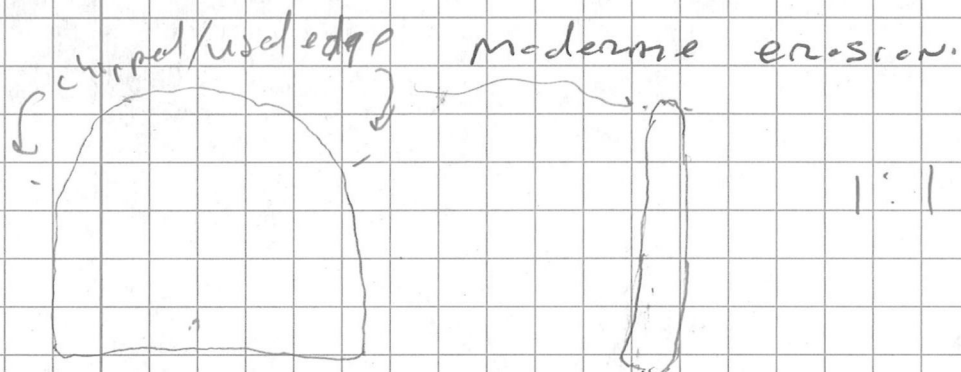


Smoothed / used portion
continues onto the shear's
interior

PN bowl body - burn black.

Chipped Along The edge to make
 L 3.8cm W. 3.3cm Th. 0.6cm A curved margin

Slight smoothing from use on
 that edge - does not
 carry on into the interior

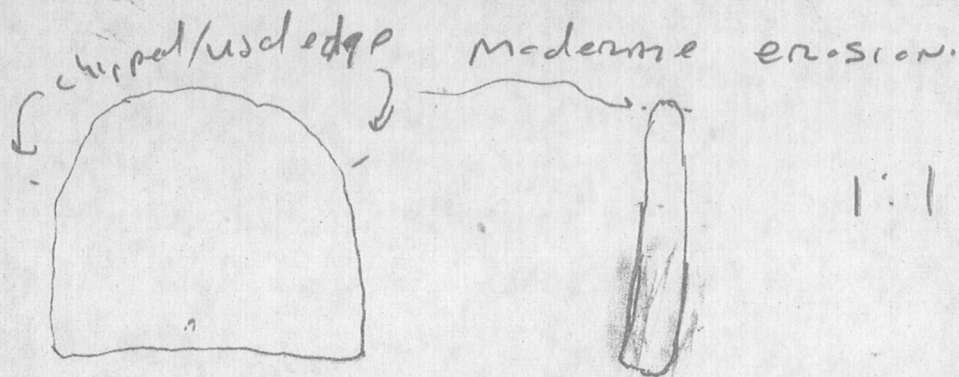


1:1

PMg bowl body - burn black.

Chipped Along The edge to make
 L 3.8cm W. 3.3cm Th. 0.6cm A curved margin

Slight smoothing from use on
 that edge - does not
 carry on into the interior.



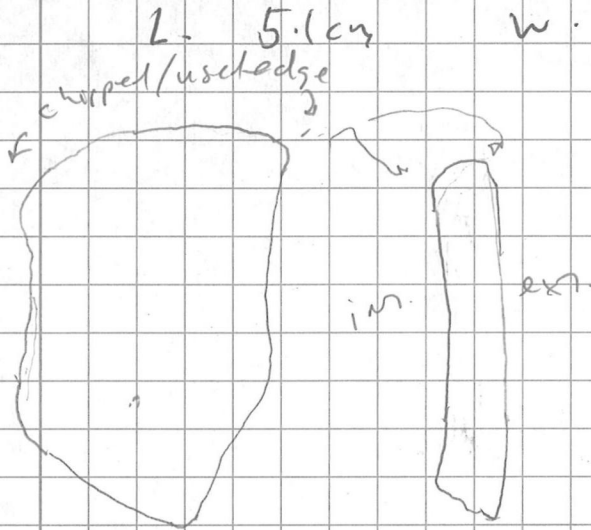
53 cc / #2-1

PNg jar body

worked Sherd 26

Chipped on edge to create A
Curved margin, moderate
to heavy use has ~~erased~~
smoothed this edge.

moderate to heavy erosion



Smoothing continues slightly
onto the sherd's interior.

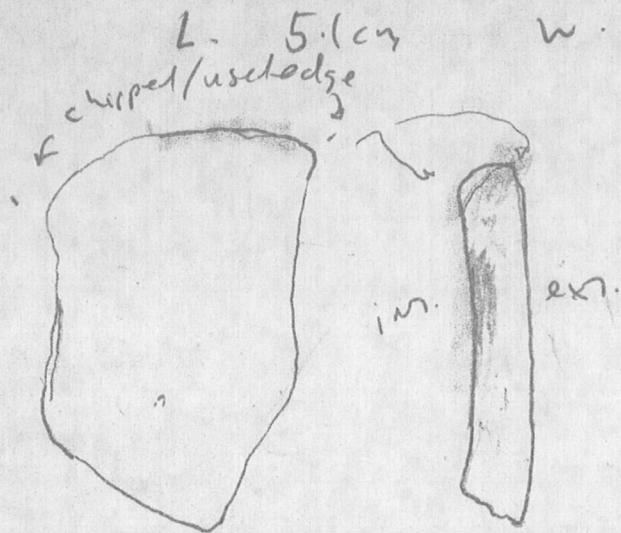
53cc/p42-1

PNg jar body

Worked Sherd 26

Chipped on edge to create A
Curved margin, moderate
to heavy use has ~~to some~~
smoothed this edge.

moderate to heavy erosion



Smoothing continues slightly
onto the sherd's interior.

53 CA/627-1

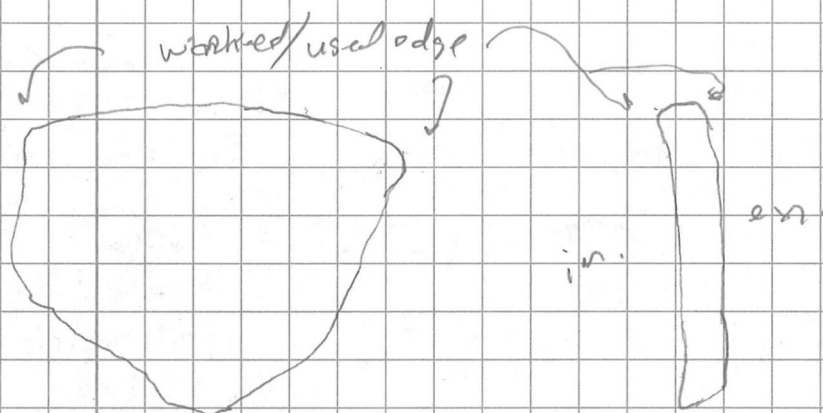
worked Sherd 27

CHUL, bowl body

Chipped along edge to
make a curved margin,
Heavily smoothed on that
edge, smoothing continuing
slightly outside in. + ext.

moderate/heavy enescon.

L. 4.7cm W. 3.9cm Th. 0.6cm.



53 CA/27-1

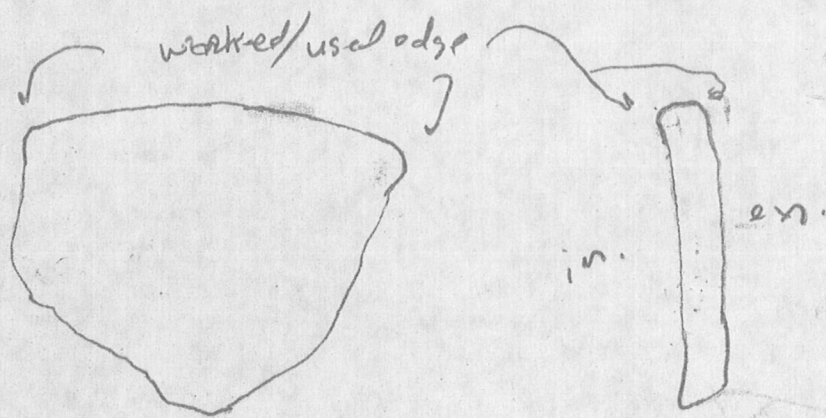
Worked Sherd 27

CHUL, bowl body

Chipped along edge to make
make a curved margin,
Heavily smoothed on that
edge, smoothing continuing
slightly outside in. + ext.

moderate/heavy erosion.

L. 4.7cm W. 3.9cm Th. 0.6cm.



SJ9 jar body

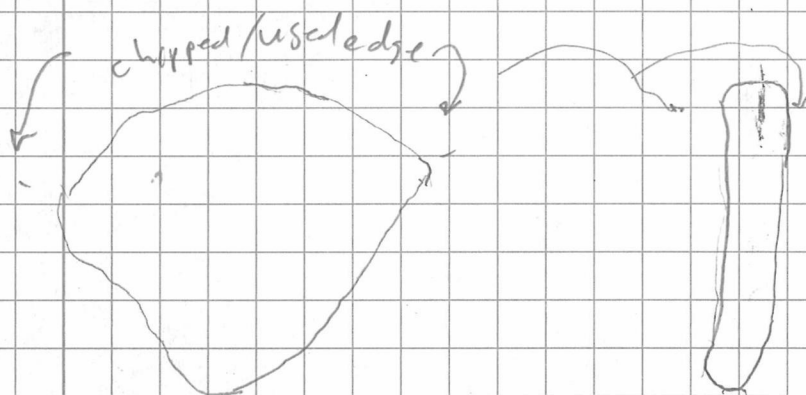
moderate erosion

Worked by chipping along
the edge to create a
curved margin, light-to-
moderate smoothing on the
worked edge, extending
more on the exterior than
on the interior.

L. 4.6cm

W. 4cm

Th. 0.8cm



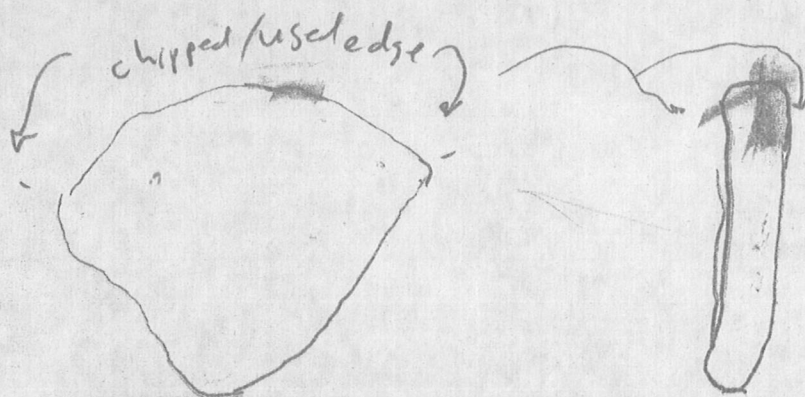
1:1

SJ9 jar body

moderate erosion

worked by chipping along
the edge to create a
curved margin, light-to-
moderate smoothing on the
worked edge, extending
more on the exterior than
on the interior

L. 4.6cm W. 4cm Th. 0.8cm



1:1

53 CA/p8p-1

Worked shard 29

CACg jar body

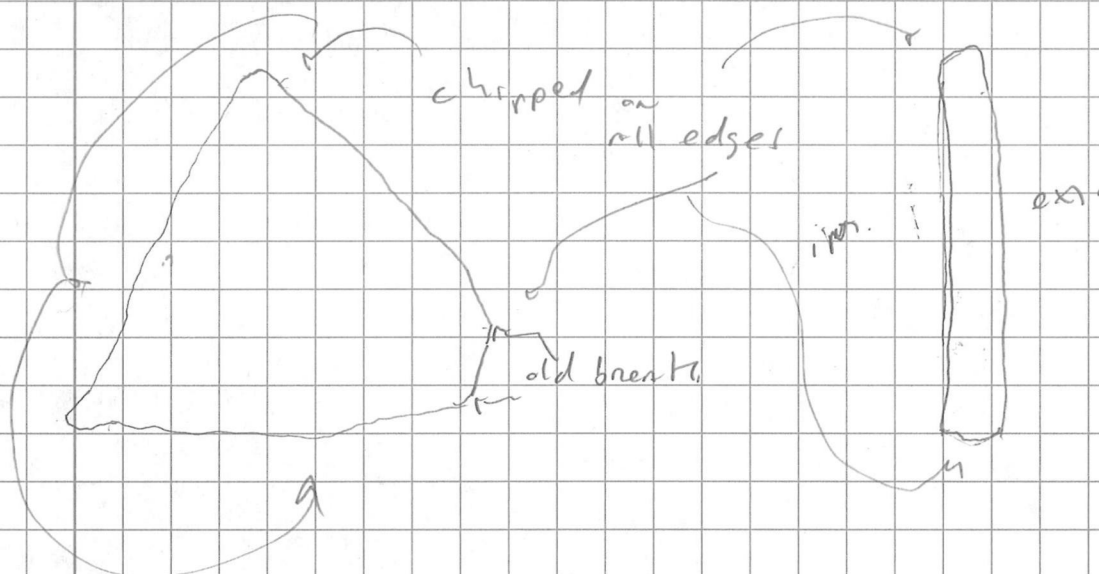
Moderate erosion.

Chipped to create a
triangle, very little
smoothing then use on
any of the edges

L. 4.9cm

W. 4.6cm

Th. 0.7cm.



53 CA/p8p-1

Worked shard²⁹

CACg jar body

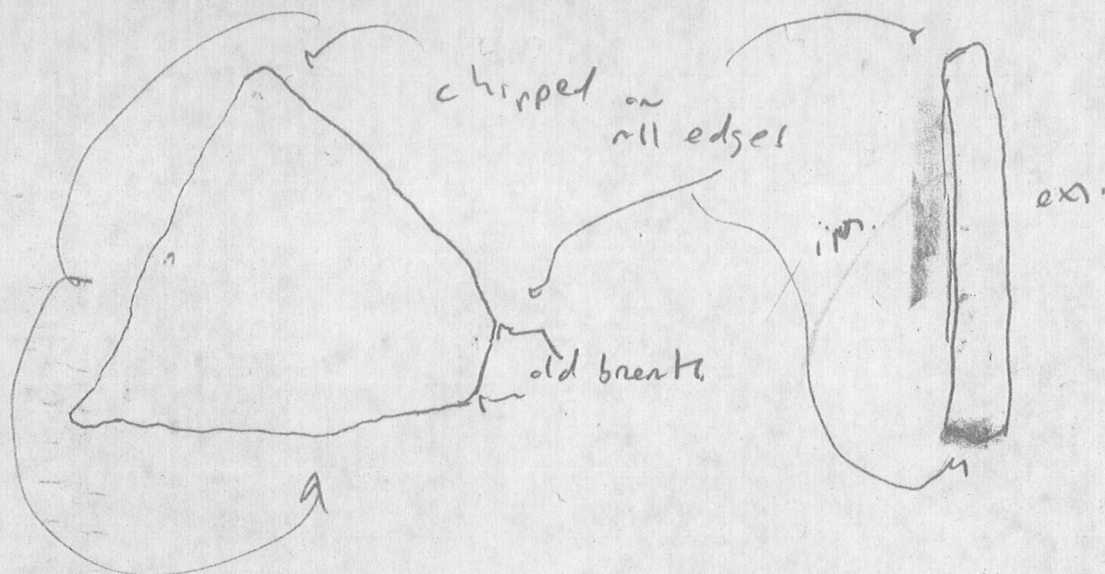
Moderate erosion

Chipped to create a
triangle. Very little
smoothing from use on
any of the edges

L. 4.9cm

W. 4.6cm

Th. 0.7cm.



54 CA/442-1

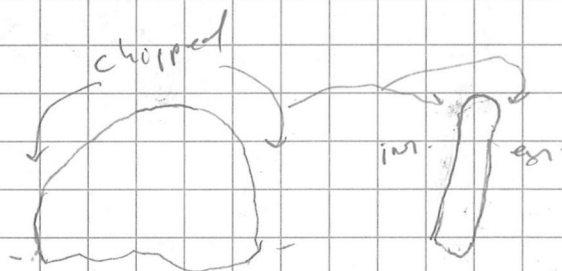
Worked 30
sherd

PN₃ jar body

moderately eroded

Chipped ~~to~~ to create a
curved edge, light-to-
moderate smoothing
continues on the interior and
exterior.

L. 2.8 cm W. 2 cm Th. 0.5 cm.



54 CA/442-1

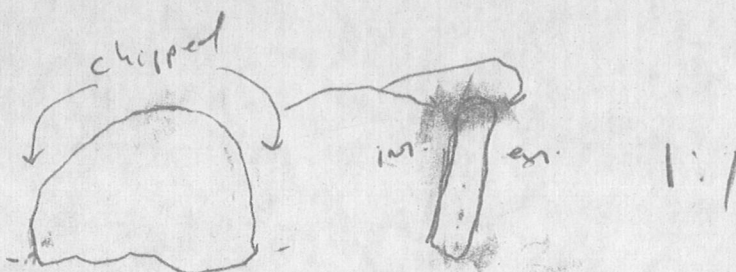
Worked 30
sherd

PN₇ jar body

moderately eroded

chipped ~~to~~ to create a
curved edge, light to
moderate smoothing on
continues onto the interior and
exterior.

L. 2.8cm W. 2cm Th. 0.5cm.



S4p w35/44 1-1

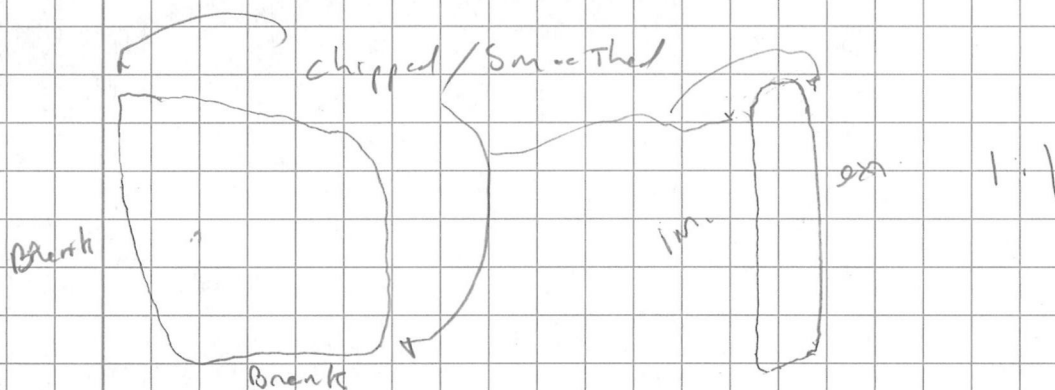
worked Sherd 31

PN₃ bowl body

moderately eroded

Chipped around 2 edges to
make what was probably a
square or rectangle, it is
smoothed over the worked edges,
onto the interior and exterior.

L 3.3cm W. 3.3cm Thi 0.8cm



S4p w35/44 1-1

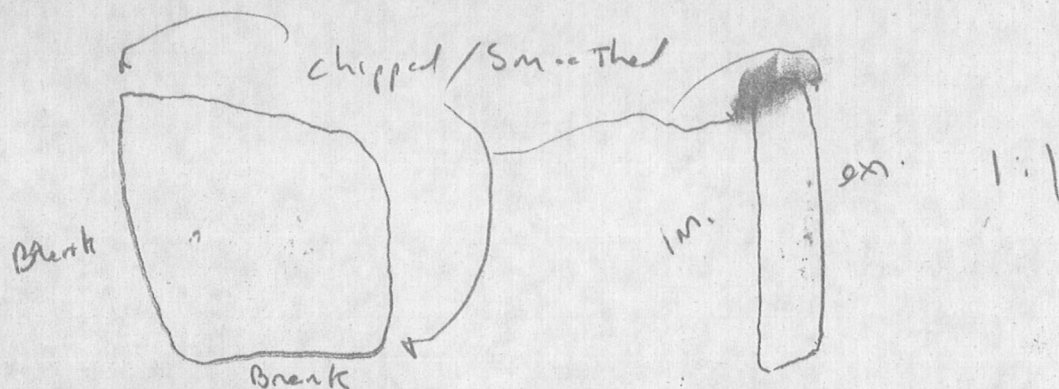
Washed Sherd 31

PN₉ bowl body

moderately eroded

Chipped around 2 edges to
make what was probably a
square or rectangle, it heavily
smoothed over the worked edges
onto the interior and exterior.

L . 3.3cm W. 3.3cm Thi 0.8cm.

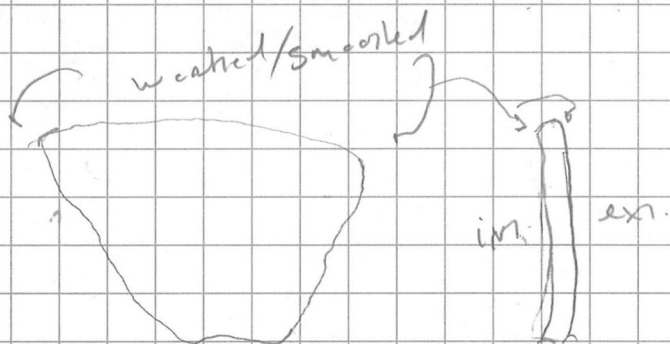


Pitg bowl body

light erosion

Chipped edge created a
curved margin, light
smoothing on the worked
edge, continues slightly
onto the exterior.

L - 4.2 cm W - 2.9 cm Th. 0.4 cm.



1:1

53 CA/067-1

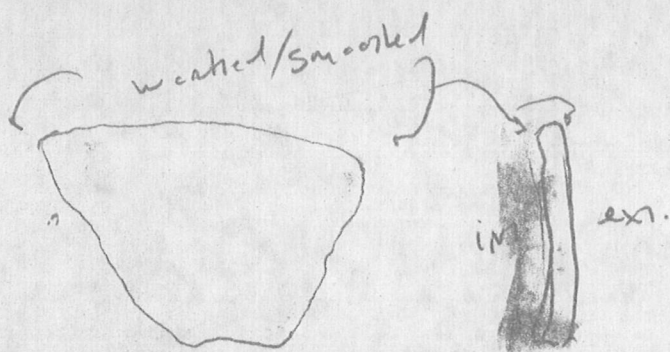
Worked Sherd 32

Pitg bowl body

light erosion

Chipped edge created a
curved margin, light
smoothing on the worked
edge, continues slightly
onto the exterior. n.n.

L - 4.2 cm W - 2.9 cm Th. 0.4 cm.



50CA/42-1

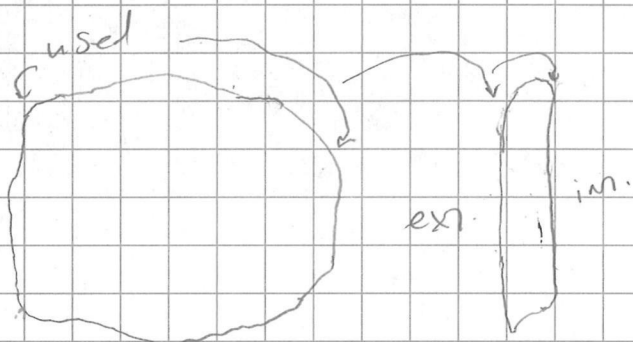
SJ9 bowl body

moderately eroded.

Used Sherd 33

Used lightly smoothed
lightly along ledge,
creating a curved
margin. Smoothing
mostly continues into the
extension

L. 4.4cm W - 3.5cm Th. 0.7cm.



50CA/42-1

SJ9 bowl body

moderately eroded.

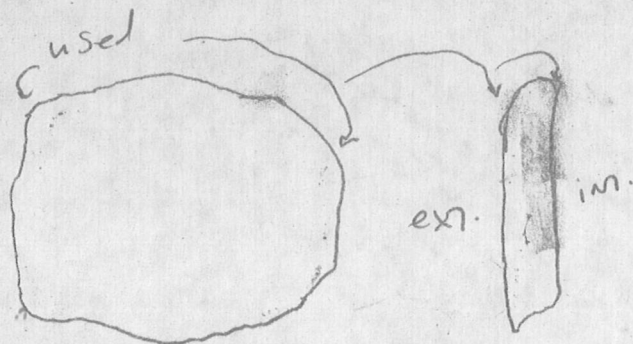
used Sherd 33

used lightly smoothed
lightly along ledge,
creating a curved
margin. Smoothing
mostly continues along the
exterior

L. 4.4cm

W - 3.5cm.

Th. 0.7cm.



S 3 ϕ W 3 ϕ / ϕ 1

Worked Sheet 34

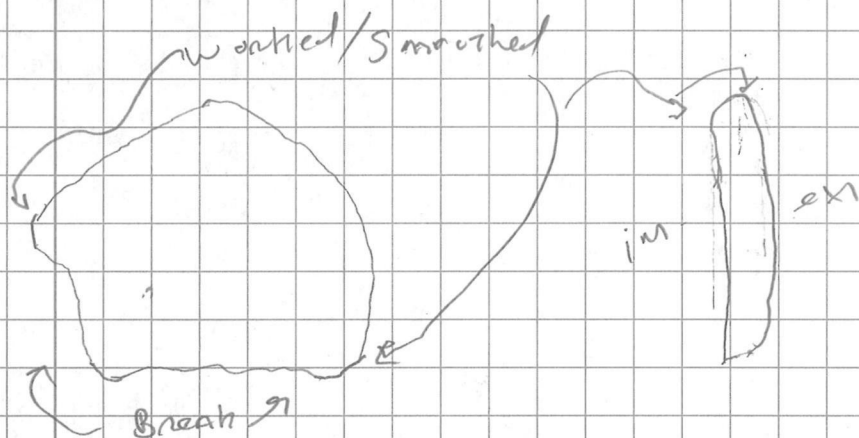
PITg bowl body

light erosion.

Chipped to create a
curved edge; light
smoothing from use
Along the edge,
extending mostly on the
interior.

L. 4.4cm W. 3.5cm.

Th. 0.6cm.



S 34 W 34 / 44 1

Worked Sherd 34

Pitg bowl body

light erosion.

L. 4.4cm W. 3.5cm.

Th. 0.6cm.



1:1

CAnz bowl body

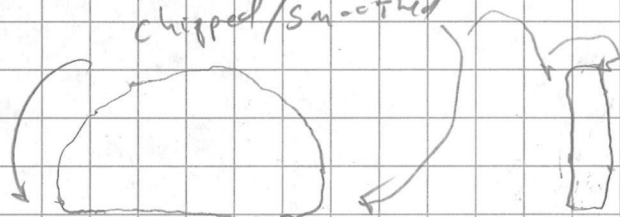
moderately eroded

W chipped to create a curved edge that is moderately smoothed from use, continuing slightly onto the interior and exterior.

L - 3.3 cm
chipped/smoothed

W - 2 cm

Th. 0.6 cm.



1:1

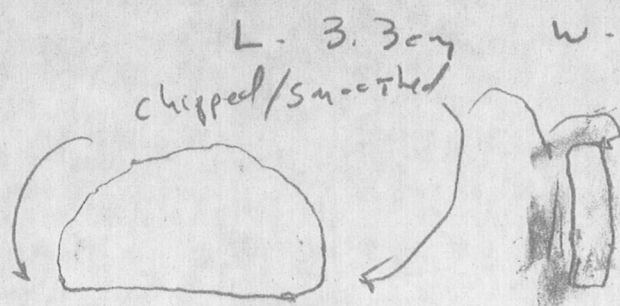
53 CL / p 11-1

Worked Sherd 35

CANg bowl body

moderately eroded

we chipped to create a curved edge that is moderately smoothed from use, continuing slightly onto the interior and exterior.



1:1

SJ9

Burnt black lightly on the exterior,
more so on the interior.

Rim preserved.

Moderately erosion

Smacked interior and
exterior, slight striations
from finishing on both sides
Th. 1 cm.

L. 4.2 cm W. 3.6 cm



1:1

Side view.

50CA/893-1

Complex Censer Lid. 36

SJ9

Burnt black lightly on the exterior,
more so on the interior.
Rim preserved.

Moderately erosion

Smoothed interior and
exterior, slight striations
from finishing on both sides
Th. 1 cm.

L. 4.2 cm W. 3.6 cm



1:1 Side view.

TAN 95 ~~500~~

Lightly eroded

Looks like a bowl with a
hole punched from the
interior ^{most of the} ~~part~~ way to the
exterior - complex censer?
The form is unclear

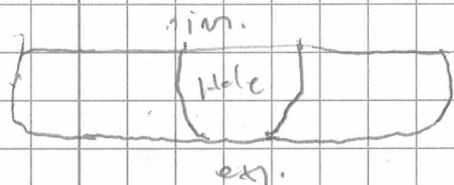
L. 5.6cm

W. 4.4cm Th. 1.2cm.

Hole: 1.3cm diameter \pm

1.2cm deep, ~~steps~~ may have
reached the exterior.

Smoothed interior, ~~then~~ more roughly smoothed
on the exterior



TAN 9, ~~5~~

Lightly eroded

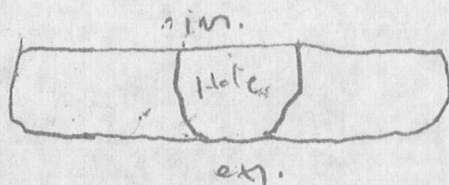
Looks like a bowl with a hole punched from the interior ^{most of the} ~~into~~ ^{way to the} exterior - complex erosion? The form is unclear (side)

L. 5.6cm

W. 4.4cm Th. 1.2cm.

Hole: 1.3cm diameter \pm 1.2cm deep, ~~steps~~ may have reached the exterior.

Smoothed interior, ~~then~~ more roughly smoothed on the exterior



1:1

~~SI~~ MA more Redondo gray
moderately eneded

Form not clear,
may be part of a belt
and skirt.

may be a solid Figure. The
decoration is deeply incised on the
exterior. Smoothed on both sides, no
sign of finishing marks.

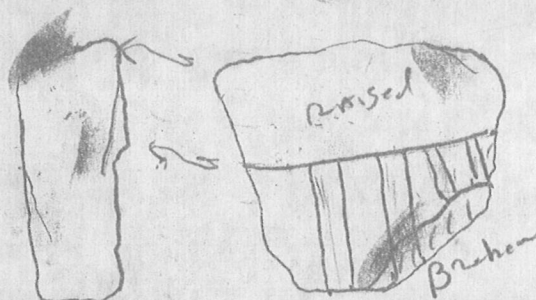


1:1

~~557~~ ~~MA~~ more Red and gray
moderately eroded

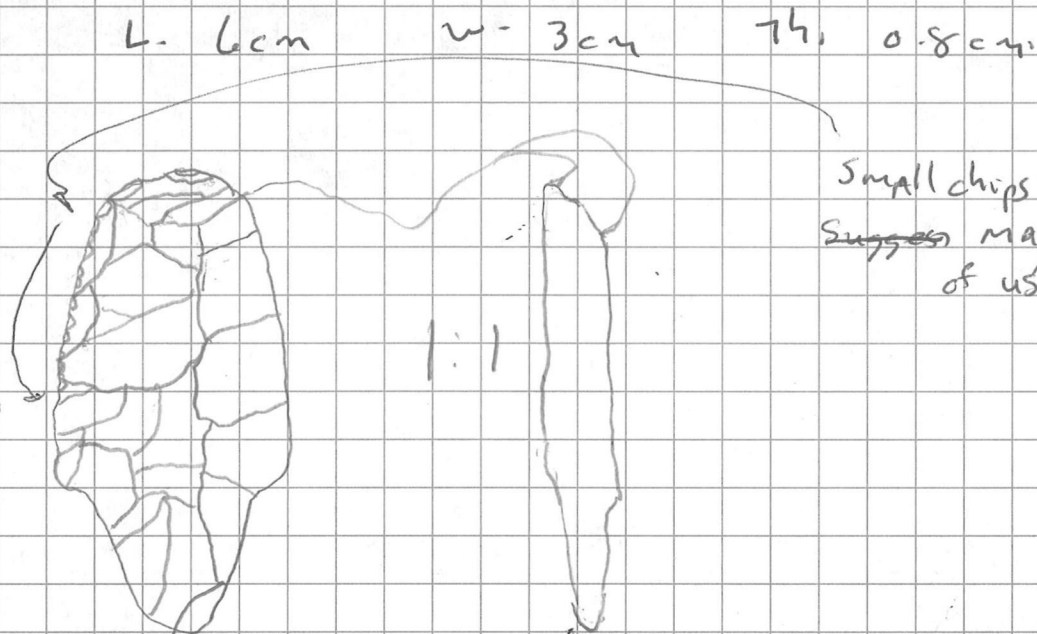
Form not clear,
may be part of a belt
and skirt.

may be a solid Figurine. The
decoration is deeply incised on the
exterior. Smoothed on both sides, no
sign of finishing marks.



1:1

Honey-brown chert biface with tapering stem, tip broken, possibly re-chipped after breaking to make a rounded end. Veins of deep red in the predominant Honey-brown chert. Some impurities (crystalline) noted on the surface.



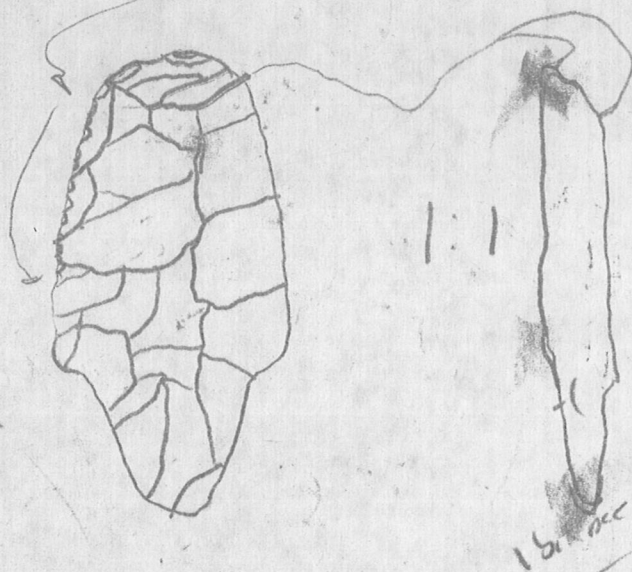
2 chert chunks found with the point and in this lot seem Aspirational - not Artifacts. They are chunks of chert measuring:
 6.7 x 4.3 x 2 cm (purple-brown)
 4.3 x 3 x 2 cm (red-brown)
No clear flaking

Honey-brown chert biface with tapering stem, tip broken, possibly re-chipped after breaking to make a rounded end. Veins of deep red in the predominant Honey-brown chert. Some inclusions (crystalline) noted on the surface.

L. 6cm

W. 3cm

Th. 0.8cm



Small chips along one edge suggest may be the result of use.

2 chert chunks found with the point and in this lot seem Aspirational - not Artifacts. They are chunks of chert measuring:
 6.7 x 4.3 x 2 cm (purple-brown)
 4.3 x 3 x 2 cm (red-brown)
no clear flaking

53CA/p62 - 2 pieces of quartz that
were burned at high temperatures in a
furnace.

40

55W cl/p1 ? Rock - separated out as "mica"
but seemingly natural.

53 CC/p21 Small piece of glass on rock
crystal
0.5 x 0.5 x 0.5 cm.

Cultural significance, if any, is unclear.

53CK/p92 ~~at~~ piece of old glass, highly
iridescent.

53CA/462 - 2 pieces of QUARTZ that
were burned at high temperatures in a
furnace.

55W C/441 ? Rock - separated out as "mica"
but seemingly natural.

53 CC/421. Small piece of glass on rock
crystal
0.5 x 0.5 x 0.5 cm.

Cultural significance, if any, is uncertain.

53CK/492 ~~old~~ piece of old glass, highly
iridescent.

NATURAL

been used
as a base for a
fish. Inset though, normal was
And may not show anything on
Crazy glass. The base is very rough
as the base is very rough

Not finished

53 CN TAN δ , +CC δ Thicknesses
 ch

0.8 cm.

1.7

1

0.7

1.6

1.2

2.2

1.6

1.1

1.2

1.4

1.1

1.1

1.7

2.2

1.2

1.3

1.1

~~1.1~~

1.2

1.3

1.2

53 CN TAND, TCC, Thicknesses
 ch

0.8 cm.

1.7

1

0.7

1.6

1.2

2.2

1.6

1.1

1.2

1.4

1.1

1.1

1.7

2.2

1.2

1.3

1.1

~~1.1~~

1.2

1.3

1.2